

TECHNICAL CATALOGUE

Industrial & Specialist Hose

Product specifications, dimensions and ordering configurations

28 October 2026

Product families: 65

Product, pattern & size references: 232

B-BBEE: Level 2

Select the product and exact configuration for the operating duty. The tables in this catalogue apply to the exact item, material, size and standard shown. Working, burst and test pressures are different quantities. Similar ordering references do not establish compatibility.

Application-specific assemblies, custom machining and configured equipment receive their final agreed specification with the quotation.

Request a quotation

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Provide the part code, size, quantity, required configuration and application. Include a drawing or photograph where available.

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Industrial & Specialist Hose

Application-led hose selection for air, water, chemicals, steam, food, mining and dredging.

001 / Multipurpose Hose

Select the required connection and configuration for your application.

Construction & technical characteristics

Characteristic	Specification
Inner tube	oil/water-resistant synthetic rubber
Reinforcement	textile spiral construction
Outer cover	abrasion/ozone/weather-resistant synthetic rubber
Operating temperature	-40 to +100 °C
Nominal safety factor	3:1

Ordering references: 701-04 / 701-05 / 701-06 / 701-08 / 701-10 / 701-12 / 701-14 / 701-16 / 701-20 / 701-24

Hose dimensions & operating limits

Part code	Bore (in)	ID (mm)	OD (mm)	Working pressure (bar)	Burst pressure (bar)	Min. bend radius (mm)	Mass (kg/m)
701-04	1/4	6	13	20	60	51	0.2
701-05	5/16	8	15	20	60	67	0.28
701-06	3/8	10	17	20	60	83	0.31
701-08	1/2	13	21	20	60	107	0.44
701-10	5/8	16	26	20	60	131	0.49
701-12	3/4	19	29	20	60	155	0.64
701-14	7/8	22	32	20	60	180	0.75
701-16	1	25	35.5	20	60	203	0.88

Hose dimensions & operating limits

Part code	Bore (in)	ID (mm)	OD (mm)	Working pressure (bar)	Burst pressure (bar)	Min. bend radius (mm)	Mass (kg/m)
701-20	1-1/4	31	42	20	60	218	1.14
701-24	1-1/2	38	50	20	60	234	1.34

Ratings apply to the exact part code and specified construction. Fluid compatibility, temperature derating and the complete assembly must suit the operating duty. Values marked Confirm require configuration verification.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

002 / Fuel, Oil Suction and Delivery Hose

Select the required connection and configuration for your application.

Construction & technical characteristics

Characteristic	Specification
Inner tube	black smooth NBR
Reinforcement	high-strength synthetic cord with helix wire
Outer cover	black wrapped-finish oil/weather-resistant synthetic rubber
Operating temperature	-40 to +100 °C
Air / water-based fluid temperature limit	65 °C
Nominal safety factor	3:1

Ordering references: FOSD-12 / FOSD-16 / FOSD-20 / FOSD-24 / FOSD-32 / FOSD-40 / FOSD-48 / FOSD-64

Hose dimensions & operating limits

Part code	Bore (in)	ID (mm)	OD (mm)	Working pressure (bar)	Burst pressure (bar)	Min. bend radius (mm)	Mass (kg/m)
FOSD-12	3/4	19	29	10	30	100	0.53
FOSD-16	1	25	35	10	30	125	0.73

Hose dimingens & operating limits

Part code	Bore (in)	ID (mm)	OD (mm)	Working pressure (bar)	Burst pressure (bar)	Min. bend radius (mm)	Mass (kg/m)
FOSD-20	1-1/4	32	43	10	30	160	0.9
FOSD-24	1-1/2	38	50	10	30	200	1.09
FOSD-32	2	51	63	10	30	225	1.33
FOSD-40	2-1/2	63	77	10	30	320	1.92
FOSD-48	3	76	92	10	30	400	2.76
FOSD-64	4	102	118	10	30	550	3.84

Ratings apply to the exact part code and specified construction. Fluid compatibility, temperature derating and the complete assembly must suit the operating duty. Values marked Confirm require configuration verification.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

003 / 2SN - Jet Wash Hose

Select the required connection and configuration for your application.

Construction & technical characteristics

Characteristic	Specification
Inner tube	synthetic rubber resistant to hot water/detergent solutions
Reinforcement	two high-tensile steel wire braids
Outer cover	blue oil/abrasion/weather-resistant synthetic rubber
Operating temperature	-40 to +150 °C
Construction standard	EN 853 2SN
Nominal safety factor	4:1

Ordering references: 9916

Hose dimensions & operating limits

Part code	Bore (in)	ID (mm)	OD (mm)	Working pressure (bar)	Burst pressure (bar)	Min. bend radius (mm)	Mass (kg/m)
9916	1/2	12.7	22.2	400	1600	180	0.64

Ratings apply to the exact part code and specified construction. Fluid compatibility, temperature derating and the complete assembly must suit the operating duty. Values marked Confirm require configuration verification.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

004 / Air Brake Hose - SAE J 1402 B

Select the required connection and configuration for your application.

Construction & technical characteristics

Characteristic	Specification
Inner tube	black smooth EPDM
Reinforcement	high-strength synthetic yarn
Outer cover	black smooth heat/ozone-resistant EPDM
Operating temperature	-40 to +93 °C
Construction standard	SAE J1402B
Nominal safety factor	3:1

Ordering references: AB-08

Hose dimensions & operating limits

Part code	Bore (in)	ID (mm)	OD (mm)	Working pressure (bar)	Burst pressure (bar)	Min. bend radius (mm)	Mass (kg/m)
AB-08	1/2	12.7	22	20	60	104	0.47

Ratings apply to the exact part code and specified construction. Fluid compatibility, temperature derating and the complete assembly must suit the operating duty. Values marked Confirm require configuration verification.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

005 / Pushlock Hose

Select the required connection and configuration for your application.

Construction & technical characteristics

Characteristic	Specification
Inner tube	hydraulic-oil-resistant synthetic rubber
Reinforcement	high-tensile synthetic textile braid
Outer cover	oil/abrasion/ozone/weather-resistant synthetic rubber
Operating temperature	-40 to +100 °C
Construction standard	SAE J517 100R6 () / EN 854
Nominal safety factor	4:1

Ordering references: D801-04 / D801-05 / D801-06 / D801-08 / D801-10 / D801-12

Hose dimensions & operating limits

Part code	Bore (in)	ID (mm)	OD (mm)	Working pressure (bar)	Burst pressure (bar)	Min. bend radius (mm)	Mass (kg/m)
D801-04	1/4	6.4	12.2	20	80	76	0.14
D801-05	5/16	7.9	14.1	20	80	76	0.17
D801-06	3/8	9.53	15.4	20	80	76	0.2
D801-08	1/2	12.7	18.9	20	80	127	0.23
D801-10	5/8	15.88	22.8	20	80	150	0.32
D801-12	3/4	19	26	20	80	180	0.39

Ratings apply to the exact part code and specified construction. Fluid compatibility, temperature derating and the complete assembly must suit the operating duty. Values marked Confirm require configuration verification.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

006 / Hand-built pulp and slurry hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Hand built pulp slurry hose

Parameter	Specification
Manufacturing mode	Project-engineered hand-built slurry/elephant hose
Verified applications	Mining slurry/abrasives / Agricultural water / Concrete placement
End options	Built-in flanges / Open ends with clamp-on fittings
Design definition	Diameter / Length / Pressure/vacuum / Flange type/drilling / Liner material/thickness
Numeric limits	Defined by approved project specification; no public universal diameter/pressure envelope stated

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Hand built pulp slurry hose

Parameter	Specification
Application	Abrasive pulp and slurry transfer
Liner thickness range mm	min: 6; max: 24 - Only the named construction; other codes or constructions require their own specification.
Wall options	Hard-wall suction construction / Soft-wall delivery construction

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

007 / Nonconductive furnace coolant hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: H6004 012X / H6004 020X / H6004 025X / H6004 032X / H6004 040X / H6004 050X

Blue nonmarking/NBR utility hose -H6004

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Mass kg m (kg/m)
H6004 012X	Blue nonmarkingNBR utility/coolant hose	12	½	12.7	20.7	10.0	0.338
H6004 020X	Blue nonmarkingNBR utility/coolant hose	20	¾	19.05	28.1	10.0	0.519
H6004 025X	Blue nonmarkingNBR utility/coolant hose	25	1	25.4	35	10.0	0.686
H6004 032X	Blue nonmarkingNBR utility/coolant hose	32	1¼	31.7	42.7	10.0	0.959
H6004 040X	Blue nonmarkingNBR utility/coolant hose	40	1½	38.1	50.1	10.0	1.228
H6004 050X	Blue nonmarkingNBR utility/coolant hose	50	2	50.8	64.4	10.0	1.789

H6004-series NBR utility hose. This construction is not food-contact grade. It does not establish a rating for every furnace-coolant hose or a verified dielectric assembly. Confirm the selected temperature duty before quotation.

Blue nonmarking/NBR utility hose -H6004 - construction & conditions

Parameter	Specification
Tube	BlueNBR compound
Cover	BlueNBR
Reinforcement	Synthetic yarn cords
Food contact suitability	Not food grade per brochure
Standard roll length m	30
Dielectric test standard	Not supplied

H6004-series NBR utility hose. This construction is not food-contact grade. It does not establish a rating for every furnace-coolant hose or a verified dielectric assembly. Confirm the selected temperature duty before quotation.

Nonconductive furnace coolant hose

Parameter	Specification
Application	Cooling-water transfer in foundry/furnace environments
Electrical design	Nonconductive as described by supplier
Service context	Elevated ambient temperature; no numeric thermal limit supplied

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

008 / Concrete placement hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Concrete placement hose

Parameter	Specification
Application	Wet-concrete discharge in construction and shaft-sinking work
Design property	Abrasion-resistant construction described; exact liner compound not stated

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

009 / Hand-built mining hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Hand built mining hose

Parameter	Specification
Manufacturing mode	Project-engineered hand-built slurry/elephant hose
Verified applications	Mining slurry/abrasives / Agricultural water / Concrete placement
End options	Built-in flanges / Open ends with clamp-on fittings
Design definition	Diameter / Length / Pressure/vacuum / Flange type/drilling / Liner material/thickness
Numeric limits	Defined by approved project specification; no public universal diameter/pressure envelope stated

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Hand built mining hose

Parameter	Specification
Application	Water/slurry transfer / Dewatering / Dust suppression
Design property	Abrasion-resistant / Flexible

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

010 / Oil transfer hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Oil transfer hose

Parameter	Specification
Named variant	Oil-resistantNBR utility hose

Oil transfer hose

Parameter	Specification
Tube and cover	BlackNBR
Reinforcement	Synthetic yarn cords
Bore envelope mm	6 / 50
Temperature range c	-20 / 90
Standard roll length m	30
Compatibility	Fuel aromatic hydrocarbon content not exceeding50%; exact chemical check required

Values apply only to the named construction. Dimensions and ratings apply to the named construction or exact code shown. Select pressure,temperature,medium and end fittings together for the finished assembly.

Oil transfer hose

Parameter	Specification
Application	Oil / Oil lubricants / Pneumatic tools

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

011 / Lightweight abrasion-resistant hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Lightweight abrasion resistant hose

Parameter	Specification
Application	Air suction/delivery carrying light abrasive media such as sawdust

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

012 / Water suction and delivery hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Water suction delivery hose

Parameter	Specification
Application	Water transfer in mining,industrial and agricultural service
Service modes	Suction / Delivery

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

013 / Preformed rubber hose bends

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: 8145 080 / 8145 100 / 8145 125 / 8145 150 / 8145 200 / 8145 250 / 8145 300 / 8145 350 / 8145 400 / 8145 450 / 8145 500 / 8145 600 / 8190 080 / 8190 100 / 8190 125 / 8190 150 / 8190 200 / 8190 250 / 8190 300 / 8190 350 / 8190 400 / 8190 450 / 8190 500 / 8190 600

Preformed hose bends - 8145 / 8190 series

Part code	Nominal bore mm	Size inch	Id mm	Od mm	Liner thickness mm	Bend radius mm	Vacuum magnitude kpa	Assembly mass including flanges kg	Configuration
8145 080	80	3	76.2	109	6	230	90	8	Preformed hose bends - 8145 / 8190 series
8145 100	100	4	101.6	137	6	310	90	9.9	Preformed hose bends - 8145 / 8190 series
8145 125	125	5	127	162	6	380	90	13.9	Preformed hose bends - 8145 / 8190 series
8145 150	150	6	152.4	189	6	460	90	19.8	Preformed hose bends - 8145 / 8190 series
8145 200	200	8	203.2	240	6	610	90	27.3	Preformed hose bends - 8145 / 8190 series
8145 250	250	10	254	289	6	760	90	36.7	Preformed hose bends - 8145 / 8190 series
8145 300	300	12	304.8	341	9	920	90	51	Preformed hose bends - 8145 / 8190 series
8145 350	350	14	355.6	396	9	1070	80	74.8	Preformed hose bends - 8145 / 8190 series
8145 400	400	16	406.4	464	9	1220	80	99.2	Preformed hose bends - 8145 / 8190 series
8145 450	450	18	457.2	516	9	1370	80	126.5	Preformed hose bends - 8145 / 8190 series
8145 500	500	20	508	567	9	1524	70	154.1	Preformed hose bends - 8145 / 8190 series
8145 600	600	24	609.6	678	9	1830	70	Confirm	Preformed hose bends - 8145 / 8190 series
8190 080	80	3	76.2	109	6	230	90	9	Preformed hose bends - 8145 / 8190 series
8190 100	100	4	101.6	137	6	310	90	11.8	Preformed hose bends - 8145 / 8190 series

Preformed hose bends - 8145 / 8190 series

Part code	Nominal bore mm	Size inch	Id mm	Od mm	Liner thickness mm	Bend radius mm	Vacuum magnitude kpa	Assembly mass including flanges kg	Configuration
8190 125	125	5	127	162	6	380	90	16.7	Preformed hose bends - 8145 / 8190 series
8190 150	150	6	152.4	189	6	460	90	24.7	Preformed hose bends - 8145 / 8190 series
8190 200	200	8	203.2	240	6	610	90	35.7	Preformed hose bends - 8145 / 8190 series
8190 250	250	10	254	289	6	760	90	49.4	Preformed hose bends - 8145 / 8190 series
8190 300	300	12	304.8	341	9	920	90	74	Preformed hose bends - 8145 / 8190 series
8190 350	350	14	355.6	396	9	1070	80	105.5	Preformed hose bends - 8145 / 8190 series
8190 400	400	16	406.4	464	9	1220	80	142.4	Preformed hose bends - 8145 / 8190 series
8190 450	450	18	457.2	516	9	1370	80	185.1	Preformed hose bends - 8145 / 8190 series
8190 500	500	20	508	567	9	1524	70	226.1	Preformed hose bends - 8145 / 8190 series
8190 600	600	24	609.6	678	9	1830	70	349	Preformed hose bends - 8145 / 8190 series

8145/8190-series preformed abrasive-media bends. 8145 denotes 45-degree bends; 8190 denotes 90-degree bends. Mass values are for the bend assembly including flanges, in kilograms; they are notkg/m. Select bend angle, bore, liner, centreline radius and ends together.

Preformed hose bends - 8145 / 8190 series

Parameter	Specification
Application	Configuration-specific abrasive slurry / material transfer
Tube options	Abrasion rubber; butyl option for selected chemical service

Preformed hose bends - 8145 / 8190 series

Parameter	Specification
Reinforcement	Square-woven polyester fabric plus high-tensile helix/hoops
Cover	NR/SBR abrasion- and UV-resistant rubber
Temperature range c	-20 / 80
Custom bore envelope mm	40 / 1200
Flange drilling options	ASME B16.5 / BS4504 / SANS1123 / AS2129 / EN1092
End options	Plain / Cuffed / Fixed/floating flange / D-ring / Grooved / custom as appropriate
Manufacturing mode	Built to specification; ranges are design envelopes, not every-row ratings
Custom build pressure envelope bar	16

8145/8190-series preformed abrasive-media bends. 8145 denotes 45-degree bends; 8190 denotes 90-degree bends. Mass values are for the bend assembly including flanges, in kilograms; they are notkg/m. Select bend angle, bore, liner, centreline radius and ends together.

Preformed rubber hose bends

Parameter	Specification
Form	Preformed rubber bend
Function	Pipeline direction change between hose runs

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

014 / Rubber hose reducers

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Rubber hose reducers

Parameter	Specification
Application	Concentric/eccentric transitions for water/slurry suction and discharge
Tube options	Abrasion rubber / Butyl / NR40 / NR70 / Nitrile for hydrocarbons
Reinforcement	Square-woven polyester fabric; wire-reinforced custom construction
Cover	NR/SBR
Custom bore envelope mm	50 / 1500
Temperature range c	-20 / 80
Flange drilling options	ASME B16.5 / BS4504 / SANS1123 / AS2129 / EN1092
Drawing required	Yes

Values apply only to the named construction. Dimensions and ratings apply to the named construction or exact code shown. Select pressure,temperature,medium and end fittings together for the finished assembly.

Rubber hose reducers

Parameter	Specification
Form	Conical rubber diameter transition
Function	Join differing hose diameters along the same axis

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

015 / Marine and mining hose floats

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Two-piece hose float dimensional configurations

Float id mm	Float od mm	Length mm	Wall thickness mm	weight	displacement	Buoyancy 50 percent submerged kg	buoyancy force n
45	400	550	6	10	64.9	27.4	538.3
60	400	550	6	10	64.6	27.3	535.7
76	400	550	6	10	64.2	27.1	532.0
90	400	550	6	10	63.8	26.9	528.1
110	400	550	6	10	63.1	26.6	521.3
75	605	800	6	18	190.6	86.3	1692.7
90	605	800	6	18	189.9	86.0	1686.6
110	605	800	6	18	188.9	85.5	1676.8
140	605	800	6	18	187.0	84.5	1658.3
160	605	800	6	18	185.5	83.8	1643.5
180	605	800	6	18	183.8	82.9	1626.7
200	605	800	6	18	181.9	82.0	1608.0
225	820	1000	8	40	457.6	208.8	4096.5
250	820	1000	8	40	453.8	206.9	4059.9
280	820	1000	8	40	448.9	204.4	4010.9
310	820	1000	8	40	443.3	201.6	3956.3
355	820	1000	8	40	433.9	196.9	3864.1
400	820	1000	8	40	423.2	191.6	3759.3
420	1050	1200	10	80	924.6	422.3	8285.8
450	1050	1200	10	80	914.8	417.4	8189.2
500	1050	1200	10	80	896.9	408.4	8013.6

Two-piece hose float dimensional configurations

Float id mm	Float od mm	Length mm	Wall thickness mm	weight	displacement	Buoyancy 50 percent submerged kg	buoyancy force n
560	1050	1200	10	80	872.9	396.4	7778.3
630	1050	1200	10	80	841.5	380.7	7470.2
650	1050	1200	10	80	831.8	375.9	7375.5

Two-piece LDPE hose/pipe float configurations. Select flotation for the filled hose mass, slurry density, spacing and required freeboard. The 50%-submerged buoyancy column and buoyancy-force column are distinct values. Weight and displacement units require confirmation before engineering use.

Two-piece hose float dimensional configurations - construction & conditions

Parameter	Specification
Material	Low-density polyethylene
Function	Hose/pipe flotation; select net buoyancy for filled line and spacing

Two-piece LDPE hose/pipe float configurations. Select flotation for the filled hose mass, slurry density, spacing and required freeboard. The 50%-submerged buoyancy column and buoyancy-force column are distinct values. Weight and displacement units require confirmation before engineering use.

Hose floats

Parameter	Specification
Application	Flotation of hoses in marine and mining systems

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

016 / Pinch valves and replaceable sleeves

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Pinch valves sleeves

Parameter	Specification
Valve type	Full-bore pinch valve
Actuation options	Manual / Pneumatic / Hydraulic
Application	Control/isolate slurry,water and industrial fluid flow

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

017 / Hose bellows and expansion joints

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Flanged rubber bellows - dimensions, movement and pressure at 80C / column group 1 of 2

Configuration	Nominal bore mm	Overall length mm	compressed length mm	extended length mm	Allowable axial compression mm	Allowable axial extension mm
Flanged rubber bellows; polymer and flange selected for duty	40	95	87	99	10	6
Flanged rubber bellows; polymer and flange selected for duty	50	105	99	110	10	7
Flanged rubber bellows; polymer and flange selected for duty	65	115	103	121	13	7
Flanged rubber bellows; polymer and flange selected for duty	80	130	118	133	15	8
Flanged rubber bellows; polymer and flange selected for duty	100	135	117	145	19	10
Flanged rubber bellows; polymer and flange selected for duty	125	170	152	180	19	12

Flanged rubber bellows - dimensions, movement and pressure at 80C / column group 1 of 2

Configuration	Nominal bore mm	Overall length mm	compressed length mm	extended length mm	Allowable axial compression mm	Allowable axial extension mm
Flanged rubber bellows; polymer and flange selected for duty	150	180	162	190	20	12
Flanged rubber bellows; polymer and flange selected for duty	200	205	180	220	25	16
Flanged rubber bellows; polymer and flange selected for duty	250	240	215	254	25	16
Flanged rubber bellows; polymer and flange selected for duty	300	260	235	274	25	16
Flanged rubber bellows; polymer and flange selected for duty	350	265	240	281	25	16
Flanged rubber bellows; polymer and flange selected for duty	400	265	240	281	25	16
Flanged rubber bellows; polymer and flange selected for duty	450	265	240	281	25	16
Flanged rubber bellows; polymer and flange selected for duty	500	265	240	281	25	16
Flanged rubber bellows; polymer and flange selected for duty	600	265	240	281	25	16

Identifying columns are repeated. Read all column groups together for the complete row specification.

Flanged rubber bellows - dimensions, movement and pressure at 80C / column group 2 of 2

Configuration	Nominal bore mm	Allowable lateral deflection mm	Allowable angular deflection degree	Operating pressure at 80 c bar	vacuum mm hg (mmHg)
Flanged rubber bellows; polymer and flange selected for duty	40	9	15	16	660
Flanged rubber bellows; polymer and flange selected for duty	50	10	15	16	660
Flanged rubber bellows; polymer and flange selected for duty	65	11	15	16	660

Flanged rubber bellows - dimensions, movement and pressure at 80C / column group 2 of 2

Configuration	Nominal bore mm	Allowable lateral deflection mm	Allowable angular deflection degree	Operating pressure at 80 c bar	vacuum mm hg (mmHg)
Flanged rubber bellows; polymer and flange selected for duty	80	12	15	16	660
Flanged rubber bellows; polymer and flange selected for duty	100	13	15	16	660
Flanged rubber bellows; polymer and flange selected for duty	125	13	15	16	660
Flanged rubber bellows; polymer and flange selected for duty	150	13	15	16	660
Flanged rubber bellows; polymer and flange selected for duty	200	14	15	16	660
Flanged rubber bellows; polymer and flange selected for duty	250	22	15	16	660
Flanged rubber bellows; polymer and flange selected for duty	300	22	15	16	660
Flanged rubber bellows; polymer and flange selected for duty	350	22	15	10	660
Flanged rubber bellows; polymer and flange selected for duty	400	22	15	10	660
Flanged rubber bellows; polymer and flange selected for duty	450	22	15	10	660
Flanged rubber bellows; polymer and flange selected for duty	500	22	15	10	660
Flanged rubber bellows; polymer and flange selected for duty	600	22	15	10	660

Identifying columns are repeated. Read all column groups together for the complete row specification.

Flanged rubber bellows with configuration-specific movement and pressure limits. Operating pressure: 16 bar for NB40-300 and 10 bar for NB350-600, at 80°C. Vacuum 660 mmHg retains its original unit; confirm the vacuum convention for the design. Axial, lateral and angular movements require joint selection; maximum movements must not be assumed simultaneous. Match polymer, flange drilling, anchors and installed length to the duty.

Flanged rubber bellows - dimensions, movement and pressure at 80C - construction & conditions

Parameter	Specification
Stock polymer options	EPDM / Chloroprene / Butyl
Flange material	Zinc-plated mild steel
Standard drilling	BS4504 / BS10
Selection required	Polymer,flanges,fluid,temperature,movement and anchors must be selected together

Flanged rubber bellows with configuration-specific movement and pressure limits. Operating pressure: 16 bar for NB40-300 and 10 bar for NB350-600, at 80°C. Vacuum 660 mmHg retains its original unit; confirm the vacuum convention for the design. Axial, lateral and angular movements require joint selection; maximum movements must not be assumed simultaneous. Match polymer, flange drilling, anchors and installed length to the duty.

Flanged rubber bellows - dimensions, movement and pressure at 80C

Parameter	Specification
Function	Absorbs axial,lateral and angular movement from thermal expansion,vibration and slight misalignment
Bore range mm	40 / 600
Stock polymer options	EPDM / Chloroprene / Butyl
Flange material	Zinc-plated mild steel
Flange drilling options	BS4504 / BS10
Epdm compatibility limit	Not suitable for oil
Other named construction	Nitrile liner/chloroprene cover for selected oil/grease/petroleum duty

Flanged rubber bellows with configuration-specific movement and pressure limits. Operating pressure: 16 bar for NB40-300 and 10 bar for NB350-600, at 80°C. Vacuum 660 mmHg retains its original unit; confirm the vacuum convention for the design. Axial, lateral and angular movements require joint selection; maximum movements must not be assumed simultaneous. Match polymer, flange drilling, anchors and installed length to the duty.

Hose bellows expansion joints

Parameter	Specification
Construction options	Metal bellows / Rubber bellows / Fabric expansion joint
Functions	Movement accommodation / Vibration isolation

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

018 / Hose flanges and end fittings

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Site-cut slurry hose matched to split flanges drilled PN10

Nominal bore mm	Id mm	Od mm	Wall thickness mm	Liner thickness mm	Flange pcd mm	Bolt count	Bolt hole diameter mm	Flange od mm	Flange thickness mm	Coupling length mm
50	51	80	14.5	6	125	4	14	165	14	92
65	64	94	15	6	145	4	18	185	14	92
80	76	107	15.5	6	160	4	18	195	14	100
100	102	133	15.5	6	180	8	18	217	14	124
125	127	158	15.5	6	210	8	18	254	15	140
150	152	188	18	6	240	8	22	280	16	150
200	203	238	17.5	6	295	8	22	340	18	200
250	250	285	17.5	6	350	12	22	405	22	200
300	301	341	20	6	400	12	22	478	22	250
350	330	375	22.5	9	460	16	22	530	24	380

Slurry hose geometry matched to a PN10 split-flange construction. Dimensions apply to the matching hose and coupling geometry. A10 bar design envelope is not a pressure rating for every hose or every flange carrying a PN10 drilling.

Site-cut slurry hose matched to split flanges drilled PN10 - construction & conditions

Parameter	Specification
Construction	Helix-reinforced hose matched to corresponding split-flange corrugation
Temperature range c	-20 / 80
Working pressure upper envelope bar	10
Pressure scope	Matching hose/coupling construction only; not all hoses or all PN10 flanges

Slurry hose geometry matched to a PN10 split-flange construction. Dimensions apply to the matching hose and coupling geometry. A10 bar design envelope is not a pressure rating for every hose or every flange carrying a PN10 drilling.

Hose flanges end fittings

Parameter	Specification
Material options	Mild steel / Stainless steel
Attachment options	Vulcanised/built-in hose end / Clamped fitting

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

019 / Rubber sleeves and buffers

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Rubber sleeves buffers

Parameter	Specification
Construction	Soft flexible rubber connectors
Design	Made to customer dimensional/material requirements

Rubber sleeves buffers

Parameter	Specification
Functions	Flexible connection / Movement/vibration accommodation
Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.	
Application & quotation checklist	
Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements	

020 / Soft-wall slurry delivery hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: 7207 080 / 7207 100 / 7207 114 / 7207 125 / 7207 140 / 7207 150 / 7207 165 / 7207 178 / 7207 200 / 7207 230 / 7207 254 / 7207 305 / 7207 355 / 7207 375 / 7207 405 / 7207 457

Soft-wall slurry delivery hose - 7207 standard series

Part code	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Min bend radius mm	Mass kg m (kg/m)	Configuration
7207 080	80	3	76.2	93	10.0	800	3.5	Soft-wall slurry delivery hose - 7207 standard series
7207 100	100	4	101.6	119	10.0	1067	4.4	Soft-wall slurry delivery hose - 7207 standard series
7207 114	114	4½	114	131	10.0	1197	4.9	Soft-wall slurry delivery hose - 7207 standard series
7207 125	125	5	127	144	10.0	1334	5.4	Soft-wall slurry delivery hose - 7207 standard series
7207 140	140	5½	140	157	10.0	1470	5.9	Soft-wall slurry delivery hose - 7207 standard series
7207 150	150	6	152.4	169	10.0	1600	6.5	Soft-wall slurry delivery hose - 7207 standard series

Soft-wall slurry delivery hose - 7207 standard series

Part code	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Min bend radius mm	Mass kg m (kg/m)	Configuration
7207 165	165	6½	165	182	10.0	1733	6.9	Soft-wall slurry delivery hose - 7207 standard series
7207 178	180	7	178	195	10.0	1869	7.6	Soft-wall slurry delivery hose - 7207 standard series
7207 200	200	8	203.2	220	10.0	2134	8.5	Soft-wall slurry delivery hose - 7207 standard series
7207 230	220	8½	220	238	10.0	2310	9.7	Soft-wall slurry delivery hose - 7207 standard series
7207 254	250	10	254	271	10.0	2667	10.6	Soft-wall slurry delivery hose - 7207 standard series
7207 305	300	12	304.8	322	10.0	3200	13.1	Soft-wall slurry delivery hose - 7207 standard series
7207 355	350	14	355.6	372	10.0	3734	14.4	Soft-wall slurry delivery hose - 7207 standard series
7207 375	380	15	380	397	10.0	3990	15.7	Soft-wall slurry delivery hose - 7207 standard series
7207 405	400	16	406.4	422	10.0	4267	16.3	Soft-wall slurry delivery hose - 7207 standard series
7207 457	450	18	457.2	479	10.0	4801	24.1	Soft-wall slurry delivery hose - 7207 standard series

7207-series standard soft-wall slurry delivery hose. The coded configurations shown have 10 bar working pressure. Higher custom manufacturing pressures require a separately engineered construction.

Soft-wall slurry delivery hose - 7207 standard series

Parameter	Specification
Application	Configuration-specific abrasive slurry / material transfer
Tube options	Wet/dry-abrasion rubber, NR40 or NR70 options
Reinforcement	Polyester cord plies; wire-free

Soft-wall slurry delivery hose - 7207 standard series

Parameter	Specification
Cover	NR/SBR abrasion- and UV-resistant rubber
Temperature range c	-20 / 80
Custom bore envelope mm	50 / 1200
Max build length m	20
Flange drilling options	ASME B16.5 / BS4504 / SANS1123 / AS2129 / EN1092
End options	Plain / Cuffed / Fixed/floating flange / D-ring / Grooved / custom as appropriate
Manufacturing mode	Built to specification; ranges are design envelopes, not every-row ratings
Custom build pressure envelope bar	100

7207-series standard soft-wall slurry delivery hose. The coded configurations shown have 10 bar working pressure. Higher custom manufacturing pressures require a separately engineered construction.

Ordering configurations

Part code	Configuration	Material	Nominal size	Listed pressure (bar)
7207 080	Soft-wall slurry hose - nominal 80 mm	Confirm with quotation	See configuration	Confirm for this configuration

Pressure values, where given, apply only to the listed configuration and its specified operating conditions. Confirm the complete assembly, temperature and conveyed medium. Dust closures require explicit pressure-service approval.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

021 / Hard-wall slurry suction hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: 7102 040 / 7102 050 / 7102 065 / 7102 080 / 7102 100 / 7102 125 / 7102 150 / 7102 178 / 7102 200 / 7102 250 / 7102 300 / 7102 350 / 7102 400 / 7102 450 / 7102 500 / 7102 560 / 7102 600

Hard-wall slurry suction hose - 7102 standard series

Part code	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Min bend radius mm	Vacuum magnitude kpa	Mass kg m (kg/m)	Configuration
7102 040	40	1½	38.1	52	10.0	324	90	1.4	Hard-wall slurry suction hose - 7102 standard series
7102 050	50	2	50.8	69.8	10.0	432	90	2.3	Hard-wall slurry suction hose - 7102 standard series
7102 065	65	2½	63.5	82.5	10.0	540	90	2.8	Hard-wall slurry suction hose - 7102 standard series
7102 080	80	3	76.2	101.2	10.0	648	90	4.9	Hard-wall slurry suction hose - 7102 standard series
7102 100	100	4	101.6	126.6	10.0	864	90	6.3	Hard-wall slurry suction hose - 7102 standard series
7102 125	125	5	127	154	10.0	1080	90	8.4	Hard-wall slurry suction hose - 7102 standard series
7102 150	150	6	152.4	181	10.0	1295	90	10.3	Hard-wall slurry suction hose - 7102 standard series
7102 178	180	7	178	207	10.0	1513	90	11.9	Hard-wall slurry suction hose - 7102 standard series
7102 200	200	8	203.2	232	10.0	1727	90	13.5	Hard-wall slurry suction hose - 7102 standard series
7102 250	250	10	254	283	10.0	2159	90	15.7	Hard-wall slurry suction hose - 7102 standard series
7102 300	300	12	304.8	334	10.0	2591	90	18.7	Hard-wall slurry suction hose - 7102 standard series
7102 350	350	14	355.6	389	10.0	3023	80	27.8	Hard-wall slurry suction hose - 7102 standard series
7102 400	400	16	406.4	444	10.0	3454	80	37.2	Hard-wall slurry suction hose - 7102 standard series
7102 450	450	18	457.2	495	10.0	3886	80	41.2	Hard-wall slurry suction hose - 7102 standard series

Hard-wall slurry suction hose - 7102 standard series

Part code	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Min bend radius mm	Vacuum magnitude kpa	Mass kg m (kg/m)	Configuration
7102 500	500	20	508	547	10.0	4318	70	45.6	Hard-wall slurry suction hose - 7102 standard series
7102 560	550	22	558.8	603	10.0	4750	70	60.5	Hard-wall slurry suction hose - 7102 standard series
7102 600	600	24	609.6	655	10.0	5182	70	65.9	Hard-wall slurry suction hose - 7102 standard series

Hard-wall slurry suction hose - 7102 standard series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Hard-wall slurry suction hose - 7102 standard series

Parameter	Specification
Application	Configuration-specific abrasive slurry / material transfer
Tube options	Wet/dry-abrasion rubber, NR40 or NR70 options
Reinforcement	Polyester cord plus high-tensile wire helix or steel hoops
Cover	NR/SBR abrasion- and UV-resistant rubber
Temperature range c	-20 / 80
Custom bore envelope mm	40 / 1200
Max build length m	20
Flange drilling options	ASME B16.5 / BS4504 / SANS1123 / AS2129 / EN1092
End options	Plain / Cuffed / Fixed/floating flange / D-ring / Grooved / custom as appropriate
Manufacturing mode	Built to specification; ranges are design envelopes, not every-row ratings
Custom build pressure envelope kpa	-90 / 5000

Hard-wall slurry suction hose - 7102 standard series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Ordering configurations

Part code	Configuration	Material	Nominal size	Listed pressure (bar)
7102 040	Hard-wall slurry hose - nominal 40 mm	Confirm with quotation	See configuration	Confirm for this configuration

Pressure values, where given, apply only to the listed configuration and its specified operating conditions. Confirm the complete assembly, temperature and conveyed medium. Dust closures require explicit pressure-service approval.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

022 / Dredging hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Dredging hose

Parameter	Specification
Application	Abrasive dredging slurry transfer
Liner	Selected wear-resistant liner and thickness; steelwear rings offered
Max bore mm	1200
Pressure upper envelope bar	20
Design factor	4
Designed elongation dilation percent	0 / 2
End options	D-ring/beadedring / Double-laminated flange
Flotation option	Two-pieceLDPE floats
Wear monitoring option	Yes

Values apply only to the named construction. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Select liner,wear allowance,length,pressure-temperature duty,flotation and flange capacity together.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

023 / Self-floating dredging hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Self floating dredging hose

Parameter	Specification
Float material	LDPE
Accessory properties	UV protection / Impact resistance / Marine-grade galvanized fittings
Design inputs	Filled hose/pipe mass / Slurry density / HoseOD / Spacing / Required freeboard / Current/wave load

Flotation systems for dredging hose and pipe. The flotation data describes separateLDPE floats; it does not establish an integral-buoyancy hosewall construction. Select the buoyancy system for the filled line,spacing and site conditions.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

024 / Ceramic-lined slurry hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: CER 150 / CER 178 / CER 200 / CER 250 / CER 300 / CER 350 / CER 400 / CER 450 / CER 500 / CER 600

Ceramic-lined slurry hose - CER series

Part code	Nominal bore mm	Size inch	Id mm	Od mm	Rubber liner thickness mm	Ceramic tile thickness mm	Min bend radius mm	Mass kg m (kg/m)	Configuration
CER 150	150	6	152.4	205	13	6	2128	27.7	Ceramic-lined slurry hose - CER series

Ceramic-lined slurry hose - CER series

Part code	Nominal bore mm	Size inch	Id mm	Od mm	Rubber liner thickness mm	Ceramic tile thickness mm	Min bend radius mm	Mass kg m (kg/m)	Configuration
CER 178	178	7	178	234	13	6	2492	34.3	Ceramic-lined slurry hose - CER series
CER 200	200	8	203.2	259	13	6	2842	37.3	Ceramic-lined slurry hose - CER series
CER 250	250	10	254	320	13	6	3556	46.2	Ceramic-lined slurry hose - CER series
CER 300	300	12	304.8	371	13	6	4270	68.9	Ceramic-lined slurry hose - CER series
CER 350	350	14	355.6	421	13	6	4970	76.4	Ceramic-lined slurry hose - CER series
CER 400	400	16	406.4	472	13	6	5684	85.9	Ceramic-lined slurry hose - CER series
CER 450	450	18	457.2	523	13	6	6398	95.7	Ceramic-lined slurry hose - CER series
CER 500	500	20	508	579	13	6	7112	113.8	Ceramic-lined slurry hose - CER series
CER 600	600	24	609.6	687	13	6	8540	144.5	Ceramic-lined slurry hose - CER series

Ceramic-lined slurry hose - CER series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Ceramic-lined slurry hose - CER series

Parameter	Specification
Application	Configuration-specific abrasive slurry / material transfer
Tube options	6mm hexagonal ceramic tiles,92%alumina,plus sacrificial rubber
Reinforcement	Polyester cord plus high-tensile wire helix
Cover	NR/SBR abrasion- and UV-resistant rubber
Temperature range c	-20 / 80

Ceramic-lined slurry hose - CER series

Parameter	Specification
Custom bore envelope mm	150 / 1200
Max build length m	20
Flange drilling options	ASME B16.5 / BS4504 / SANS1123 / AS2129 / EN1092
End options	Plain ends / Fixed/floating flange / Double-laminated flange / D-ring / Custom to order
Manufacturing mode	Built to specification; ranges are design envelopes, not every-row ratings
Custom build pressure envelope kpa	-90 / 5000

Ceramic-lined slurry hose - CER series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

025 / Remining monitor-gun hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: FRA40.150ST / FRA40.200ST

Remining monitor-gun hose - FRA40 standard series

Part code	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Min bend radius mm	Mass kg m (kg/m)	Configuration
FRA40.150ST	150	6	152.4	186	40.0	1824	24.5	Remining monitor-gun hose - FRA40 standard series
FRA40.200ST	200	8	203	238	40.0	2440	37.8	Remining monitor-gun hose - FRA40 standard series

FRA40-series monitor hose: exact standard configuration ratings. FRA40.150ST and FRA40.200ST are rated 40 bar working pressure. A separate custom-build or test-pressure figure must not replace this working pressure.

Remining monitor-gun hose - FRA40 standard series

Parameter	Specification
Application	Configuration-specific abrasive slurry / material transfer
Tube options	NR70 high-cut/impact-resistant rubber
Reinforcement	Steel or polyester cord plies
Cover	NR/SBR abrasion- and UV-resistant rubber
Temperature range c	-20 / 80
Custom bore envelope mm	150 / 200
Max build length m	10
Flange drilling options	ASME B16.5 / BS4504 / SANS1123 / AS2129 / EN1092
End options	Double-laminated flange / D-ring / Custom to order
Manufacturing mode	Built to specification; ranges are design envelopes, not every-row ratings

FRA40-series monitor hose: exact standard configuration ratings. FRA40.150ST and FRA40.200ST are rated 40 bar working pressure. A separate custom-build or test-pressure figure must not replace this working pressure.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

026 / Air and water hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: H6001 006X / H6001 008X / H6001 010X / H6001 012X / H6001 016X / H6001 020X / H6001 025X / H6001 032X / H6001 040X / H6001 045X / H6001 050X / H6001 065X / H6001 080X / H6001 100X / 6036 012X / 6036 016X / 6036 020X / 6036 025X / 6036 032X / 6036 040X / 6036 045X / 6036 050X / 6036 065X / 6036 080X / 6036 100X

Rubber air/water delivery hose, 10 bar series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Rubber air/water delivery hose,10bar series	50	61	10	30	1.073	30
Rubber air/water delivery hose,10bar series	63	74	10	30	1.537	30
Rubber air/water delivery hose,10bar series	75	88	10	30	2.027	30
Rubber air/water delivery hose,10bar series	100	115	10	30	2.778	30

Rubber air/water delivery hose, 10 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Rubber air/water delivery hose, 10 bar series - construction & conditions

Parameter	Specification
Tube	NR/SBR elastomer
Reinforcement	Synthetic fabric
Cover	EPDM synthetic rubber
Temperature range c	-20 / 80
Safety factor	3

Rubber air/water delivery hose, 10 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Air/water rubber hose - medium-pressure series

Part code	Nominal bore (mm)	Actual bore (mm)	Approximate OD (mm)	Working pressure (bar)	Approximate mass (kg/m)	Working pressure kpa	Size inch
H6001 006X	6.0	6.0	11.5	20.0	0.16	2000	¼
H6001 008X	8.0	8.0	14.5	20.0	0.21	2000	5/16
H6001 010X	10.0	10.0	16.5	20.0	0.25	2000	¾
H6001 012X	12.0	12.7	20.7	20.0	0.338	2000	½

Air/water rubber hose - medium-pressure series

Part code	Nominal bore (mm)	Actual bore (mm)	Approximate OD (mm)	Working pressure (bar)	Approximate mass (kg/m)	Working pressure kpa	Size inch
H6001 016X	16.0	15.88	25.0	20.0	0.466	2000	$\frac{5}{8}$
H6001 020X	20.0	19.05	28.1	20.0	0.519	2000	$\frac{3}{4}$
H6001 025X	25.0	25.4	35.0	10.0	0.686	1000	1
H6001 032X	32.0	31.7	42.7	10.0	0.959	1000	1 $\frac{1}{4}$
H6001 040X	40.0	38.1	50.1	10.0	1.228	1000	1 $\frac{1}{2}$
H6001 045X	45.0	44.5	56.5	10.0	1.385	1000	1 $\frac{3}{4}$
H6001 050X	50.0	50.8	64.4	10.0	1.789	1000	2
H6001 065X	65.0	63.5	76.5	10.0	2.031	1000	2 $\frac{1}{2}$
H6001 080X	80.0	76.2	90.0	10.0	2.579	1000	3
H6001 100X	100.0	101.6	116.2	10.0	3.465	1000	4

Air/water rubber hose - medium-pressure series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Air/water rubber hose - medium-pressure series - construction & conditions

Parameter	Specification
Tube	Blend of natural and synthetic rubber
Reinforcement	Synthetic yarn cords
Cover	Natural/synthetic rubber blend, wrapped finish
Temperature range c	-20 / 80
Standard roll length m	30
Configuration	Rubber air/water hose - medium-pressure series
Temperature min c	-20
Temperature max c	80

Air/water rubber hose - medium-pressure series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Air/water rubber hose - high-pressure mining series

Part code	Nominal bore (mm)	Actual bore (mm)	Approximate OD (mm)	Working pressure (bar)	Approximate mass (kg/m)	Working pressure kpa	Size inch
6036 012X	12.0	12.7	20.7	20.0	0.338	2000	½
6036 016X	16.0	15.88	25.0	20.0	0.466	2000	⅝
6036 020X	20.0	19.05	28.1	20.0	0.519	2000	¾
6036 025X	25.0	25.4	35.0	14.0	0.686	1400	1
6036 032X	32.0	31.7	42.7	14.0	0.959	1400	1¼
6036 040X	40.0	38.1	50.1	14.0	1.228	1400	1½
6036 045X	45.0	44.5	56.5	14.0	1.385	1400	1¾
6036 050X	50.0	50.8	64.4	14.0	1.789	1400	2
6036 065X	65.0	63.5	76.5	14.0	2.031	1400	2½
6036 080X	80.0	76.2	90.0	14.0	2.579	1400	3
6036 100X	100.0	101.6	116.2	14.0	3.465	1400	4

Air/water rubber hose - high-pressure mining series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Air/water rubber hose - high-pressure mining series - construction & conditions

Parameter	Specification
Tube	Blend of natural and synthetic rubber
Reinforcement	Synthetic yarn cords
Cover	Natural/synthetic rubber blend, wrapped finish
Temperature range c	-20 / 80
Standard roll length m	30
Configuration	Rubber air/water hose - mining high-pressure series

[Air/water rubber hose - high-pressure mining series - construction & conditions](#)

Parameter	Specification
Temperature min c	-20
Temperature max c	80

Air/water rubber hose - high-pressure mining series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

[Air water hose](#)

Parameter	Specification
Tube	Black natural/synthetic rubber blend
Reinforcement	Synthetic yarn plies
Named variants	Medium-duty industrial / Heavy-duty mining
Temperature range c	-20 / 80
Standard roll length m	30

Values apply only to the named construction. Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

[Rubber air/water delivery hose, 10 bar series](#)

Parameter	Specification
Configurations	Rubber air/water delivery hose, 10 bar series - Only the named construction; other codes or constructions require their own specification.

Rubber air/water delivery hose, 10 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

[Air/water rubber hose - medium-pressure series](#)

Parameter	Specification
Tube	Blend of natural and synthetic rubber - Only the named construction; other codes or constructions require their own specification.
Reinforcement	Synthetic yarn cords - Only the named construction; other codes or constructions require their own specification.
Cover	Natural/synthetic rubber blend, wrapped finish - Only the named construction; other codes or constructions require their own specification.
Temperature range c	-20 / 80 - Only the named construction; other codes or constructions require their own specification.

Air/water rubber hose - medium-pressure series

Parameter	Specification
Standard roll length m	30

Air/water rubber hose - medium-pressure series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Air/water rubber hose - high-pressure mining series

Parameter	Specification
Tube	Blend of natural and synthetic rubber - Only the named construction; other codes or constructions require their own specification.
Reinforcement	Synthetic yarn cords - Only the named construction; other codes or constructions require their own specification.
Cover	Natural/synthetic rubber blend,wrapped finish - Only the named construction; other codes or constructions require their own specification.
Temperature range c	-20 / 80 - Only the named construction; other codes or constructions require their own specification.
Standard roll length m	30

Air/water rubber hose - high-pressure mining series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

027 / Layflat delivery hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: HLFBLUE 02530X / HLFBLUE 03230X / HLFBLUE 04030X / HLFBLUE 05030X / HLFBLUE 06530X / HLFBLUE 08030X / HLFBLUE 10030X / HLFBLUE 15030X / HLFRED 04080X / HLFRED 05080X / HLFRED 06580X / HLFRED 08080X / HLFRED 10080X / HLFRED 15080X / HLFRED 20060X / HLFYELLOW 04080X / HLFYELLOW 05080X / HLFYELLOW 06580X / HLFYELLOW 07580X / HLFYELLOW 10080X / HLFYELLOW 15080X / HLFYELLOW 20060X / HLFHDBLCK 040X / HLFHDBLCK 050X / HLFHDBLCK 065X / HLFHDBLCK 080X / HLFHDBLCK 100X / HLFHDBLCK 150X / HLFGREY 10030X / HLFGREY 15030X

Blue PVC layflat -exact coded variants

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Wall thickness mm	Working pressure bar	Burst pressure bar	Mass kg m (kg/m)
HLFBLUE 02530X	BluePVC layflat	25	1	25	27.6	1.3	4.0	15.0	0.15

Blue PVC layflat -exact coded variants

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Wall thickness mm	Working pressure bar	Burst pressure bar	Mass kg m (kg/m)
HLFBLUE 03230X	BluePVC layflat	32	1¼	32	34.4	1.2	4.0	15.0	0.17
HLFBLUE 04030X	BluePVC layflat	40	1½	38	40.4	1.2	4.0	15.0	0.2
HLFBLUE 05030X	BluePVC layflat	50	2	51	53	1.0	4.0	15.0	0.22
HLFBLUE 06530X	BluePVC layflat	65	2½	64	66.2	1.1	4.0	15.0	0.32
HLFBLUE 08030X	BluePVC layflat	80	3	76	78.2	1.1	4.0	15.0	0.36
HLFBLUE 10030X	BluePVC layflat	100	4	103	105.5	1.25	4.0	15.0	0.55
HLFBLUE 15030X	BluePVC layflat	150	6	153	155.7	1.35	3.0	9.0	0.9

Blue PVC layflat -exact coded variants Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Colour identifies a construction, not a common rating; use the pressure for the exact code. Layflat delivery hose must not be selected for suction duty.

Red PVC layflat -exact coded variants

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Wall thickness mm	Working pressure bar	Burst pressure bar	Mass kg m (kg/m)
HLFRED 04080X	RedPVC layflat	40	1½	38	40.4	1.2	6.0	18.0	0.23
HLFRED 05080X	RedPVC layflat	50	2	51	53.7	1.35	6.0	18.0	0.3
HLFRED 06580X	RedPVC layflat	65	2½	64	67.1	1.55	6.0	18.0	0.45
HLFRED 08080X	RedPVC layflat	80	3	76	79	1.5	6.0	18.0	0.5
HLFRED 10080X	RedPVC layflat	100	4	103	106.8	1.9	6.0	18.0	0.79
HLFRED 15080X	RedPVC layflat	150	6	153	157.8	2.4	6.0	18.0	1.65
HLFRED 20060X	RedPVC layflat	200	8	203	208.2	2.6	6.0	18.0	2.8

Red PVC layflat -exact coded variants Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Colour identifies a construction, not a common rating; use the pressure for the exact code. Layflat delivery hose must not be selected for suction duty.

Yellow PVC layflat -exact coded variants

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Wall thickness mm	Working pressure bar	Burst pressure bar	Mass kg m (kg/m)
HLFYELLOW 04080X	YellowPVC layflat	40	1½	38	41.4	1.7	10.0	31.0	0.29
HLFYELLOW 05080X	YellowPVC layflat	50	2	51	54.1	1.55	8.0	25.0	0.35
HLFYELLOW 06580X	YellowPVC layflat	65	2½	64	67.8	1.9	8.0	26.0	0.55
HLFYELLOW 07580X	YellowPVC layflat	80	3	76	80	2	8.0	25.0	0.66
HLFYELLOW 10080X	YellowPVC layflat	100	4	103	107.5	2.25	8.0	24.0	1.0
HLFYELLOW 15080X	YellowPVC layflat	150	6	153	159	3	8.0	24.0	2.0
HLFYELLOW 20060X	YellowPVC layflat	200	8	203	209.4	3.2	6.0	17.0	2.8

Yellow PVC layflat -exact coded variants Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Colour identifies a construction, not a common rating; use the pressure for the exact code. Layflat delivery hose must not be selected for suction duty.

Black NBR layflat -exact coded variants

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Wall thickness mm	Working pressure bar	Burst pressure bar	Mass kg m (kg/m)
HLFHDBLCK 040X	BlackNBR layflat	40	1½	38	41	1.5	17.0	51.0	0.26
HLFHDBLCK 050X	BlackNBR layflat	50	2	50	54	2	17.0	51.0	0.35
HLFHDBLCK 065X	BlackNBR layflat	65	2½	64	68	2	17.0	51.0	0.42
HLFHDBLCK 080X	BlackNBR layflat	80	3	76	80	2	17.0	51.0	0.6
HLFHDBLCK 100X	BlackNBR layflat	100	4	102	107	2.5	17.0	51.0	0.9
HLFHDBLCK 150X	BlackNBR layflat	150	6	150	158	3	15.0	45.0	1.5

Black NBR layflat -exact coded variants Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Colour identifies a construction, not a common rating; use the pressure for the exact code. Layflat delivery hose must not be selected for suction duty.

Grey TPR/nitrile layflat -exact coded variants

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Wall thickness mm	Working pressure bar	Mass kg m (kg/m)
HLFGREY 10030X	GreyTPR/nitrile layflat	100	4	103	105.5	1.25	10	0.9

Grey TPR/nitrile layflat -exact coded variants

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Wall thickness mm	Working pressure bar	Mass kg m (kg/m)
HLFGREY 15030X	GreyTPR/nitrile layflat	150	6	153	155.7	1.35	10	1.5

Grey TPR/nitrile layflat -exact coded variants Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Colour identifies a construction, not a common rating; use the pressure for the exact code. Layflat delivery hose must not be selected for suction duty. Confirm the burst-pressure requirement before assembly selection.

Blue PVC layflat hose, 4 bar series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Blue PVC layflat hose,4bar series	38	40.4	4	12	0.195	100
Blue PVC layflat hose,4bar series	50	53	4	12	0.225	100
Blue PVC layflat hose,4bar series	63	66.84	4	12	0.285	100
Blue PVC layflat hose,4bar series	75	79	4	12	0.385	100
Blue PVC layflat hose,4bar series	100	104	4	12	0.55	100
Blue PVC layflat hose,4bar series	150	154	4	12	0.89	100

Blue PVC layflat hose, 4 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Blue PVC layflat hose, 4 bar series - construction & conditions

Parameter	Specification
Tube	Cylindrically woven textile/PVC construction
Reinforcement	Textile cords
Cover	Blue plasticised PVC
Temperature range c	0 / 60
Safety factor	3
Service	Water discharge;not suction hose

Blue PVC layflat hose, 4 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Blue PVC layflat hose, 7 bar series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Blue PVC layflat hose,7bar series	50	53	7	21	0.41	100
Blue PVC layflat hose,7bar series	75	79	7	21	0.615	100
Blue PVC layflat hose,7bar series	100	104	7	21	0.885	100
Blue PVC layflat hose,7bar series	150	154	7	21	1.6	100

Blue PVC layflat hose, 7 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Blue PVC layflat hose, 7 bar series - construction & conditions

Parameter	Specification
Tube	Cylindrically woven textile/PVC construction
Reinforcement	Textile cords
Cover	Blue plasticised PVC
Temperature range c	0 / 60
Safety factor	3
Service	Water discharge;not suction hose

Blue PVC layflat hose, 7 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Red PVC layflat hose, medium-duty series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Red PVC layflat hose,medium-duty series	38	42.8	8	24	0.345	100
Red PVC layflat hose,medium-duty series	50	53.7	8	24	0.476	100
Red PVC layflat hose,medium-duty series	63	68.3	8	24	0.52	100

Red PVC layflat hose, medium-duty series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Red PVC layflat hose,medium-duty series	75	83.3	8	24	0.675	100
Red PVC layflat hose,medium-duty series	100	105.9	8	24	0.89	100
Red PVC layflat hose,medium-duty series	150	158.2	6	18	1.81	100
Red PVC layflat hose,medium-duty series	200	208.5	6	18	2.03	100

Red PVC layflat hose, medium-duty series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Red PVC layflat hose, medium-duty series - construction & conditions

Parameter	Specification
Tube	Cylindrically woven textile/PVC construction
Reinforcement	Textile cords
Cover	Red plasticised PVC
Temperature range c	0 / 60
Safety factor	3
Service	Water discharge;not suction hose

Red PVC layflat hose, medium-duty series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Black NBR abrasion-resistant layflat hose

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Black NBR abrasion-resistant layflat hose	50	54	21	63	0.46	100
Black NBR abrasion-resistant layflat hose	75	78	21	63	0.87	100

Black NBR abrasion-resistant layflat hose

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Black NBR abrasion-resistant layflat hose	100	106	21	63	1.3	100
Black NBR abrasion-resistant layflat hose	150	157.5	17	51	2.6	100
Black NBR abrasion-resistant layflat hose	200	208	15	45	3.5	100

Black NBR abrasion-resistant layflat hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Black NBR abrasion-resistant layflat hose - construction & conditions

Parameter	Specification
Tube	NBR
Reinforcement	Circular-woven polyester jacket
Cover	Ribbed NBR
Temperature range c	-20 / 80
Safety factor	3
Service	Fluid transfer including light slurry;not universal heavy-abrasion/slurry hose

Black NBR abrasion-resistant layflat hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Blue PVC layflat hose, 4 bar series

Parameter	Specification
Configurations	Blue PVC layflat hose, 4 bar series / Blue PVC layflat hose, 7 bar series / Red PVC layflat hose, medium-duty series / Black NBR abrasion-resistant layflat hose - Only the named construction; other codes or constructions require their own specification.

Blue PVC layflat hose, 4 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

028 / Fire-fighting water and foam hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

64 mm fire-fighting water/foam hose configurations

Configuration	Id mm	Standard length m	Working pressure bar	Burst pressure bar	Construction
NitrileTPR red	64	30	21	63	Polyester filament andNitrile/TPR tube
Synthetic jacket blue	64	30	15	45	Virginpolyester jacket withPVC

Water/foam fire-fighting hose in two 64 mm constructions. Red nitrile/TPR: 21 bar working pressure and 63 bar burst pressure. Blue synthetic-jacket/PVC: 15 bar working pressure and 45 bar burst pressure. These are fire-fighting delivery constructions; automatic machine fire-suppression agent compatibility and approval require separate selection.

64 mm fire-fighting water/foam hose configurations - construction & conditions

Parameter	Specification
Application	Firebrigade/industrial water and foam delivery
Claimed standard	BS6391Type3
Automatic fire suppression approval	Not established; this is not automatic machine fire-suppression hose selection

Water/foam fire-fighting hose in two 64 mm constructions. Red nitrile/TPR: 21 bar working pressure and 63 bar burst pressure. Blue synthetic-jacket/PVC: 15 bar working pressure and 45 bar burst pressure. These are fire-fighting delivery constructions; automatic machine fire-suppression agent compatibility and approval require separate selection.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

029 / Oxygen and acetylene welding hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: HACET 008X / HOCY 008X

Gas-specific oxygen/acetylene hose variants

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Wall thickness mm	Burst pressure bar	Mass kg m (kg/m)
HACET 008X	Acetylene hose	8	5/16	7.94	16.3	4.1	70.0	0.34
HOCY 008X	Oxygen hose	8	5/16	7.94	16.3	4.1	70.0	0.34

Gas-specific oxygen/acetylene hose variants Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct oxygen or acetylene construction and identification; LPG hose is a separate selection.

Gas-specific oxygen/acetylene hose variants - construction & conditions

Parameter	Specification
Tube	BlackNR/SBR
Reinforcement	Woven polyester
Cover	UV/ozone/abrasion-resistant,self-extinguishing rubber
Claimed standard	ISO3821:2019
Standard roll length m	100

Gas-specific oxygen/acetylene hose variants Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct oxygen or acetylene construction and identification; LPG hose is a separate selection.

Oxygen/acetylene gas hose, 20 bar series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Oxygen/acetylene gas hose,20bar series	8	16	20	60	0.18	100

Oxygen/acetylene gas hose, 20 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Oxygen/acetylene gas hose, 20 bar series - construction & conditions

Parameter	Specification
Tube	High-ignition-temperature synthetic rubber
Reinforcement	Synthetic textile yarn

Oxygen/acetylene gas hose, 20 bar series - construction & conditions

Parameter	Specification
Cover	Weather-resistant synthetic rubber
Temperature range c	-20 / 80
Safety factor	3
Gas identification	Red acetylene;blue oxygen;do not interchange by colour inference alone

Oxygen/acetylene gas hose, 20 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Oxygen/acetylene gas hose, 20 bar series

Parameter	Specification
Configurations	Oxygen/acetylene gas hose, 20 bar series - Only the named construction; other codes or constructions require their own specification.

Oxygen/acetylene gas hose, 20 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

030 / Radiator coolant hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: H8105 020X / H8105 025X / H8105 028X / H8105 032X / H8105 035X / H8105 040X / H8105 045X / H8105 050X / H8105 057X / H8105 060X / H8105 063X / H8105 070X / H8105 075X / H8105 080X / H8105 090X / H8105 100X / H8105 115X

EPDM radiator hose -H8105

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Mass kg m (kg/m)
H8105 020X	EPDM radiator hose -H8105	20	¾	19.05	29.05	5.0	0.7
H8105 025X	EPDM radiator hose -H8105	25	1	25.4	35.4	5.0	0.86
H8105 028X	EPDM radiator hose -H8105	28	1⅛	28.6	38.6	5.0	0.93

EPDM radiator hose -H8105

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Mass kg m (kg/m)
H8105 032X	EPDM radiator hose -H8105	32	1¼	31.75	41.75	5.0	1.01
H8105 035X	EPDM radiator hose -H8105	35	1⅜	34.93	44.93	5.0	1.09
H8105 040X	EPDM radiator hose -H8105	40	1½	38.1	48.1	5.0	1.16
H8105 045X	EPDM radiator hose -H8105	45	1¾	44.5	54.5	5.0	1.32
H8105 050X	EPDM radiator hose -H8105	50	2	50.8	60.8	5.0	1.47
H8105 057X	EPDM radiator hose -H8105	57	2¼	57.15	67.15	5.0	1.62
H8105 060X	EPDM radiator hose -H8105	60	2⅜	60.33	70.33	5.0	1.7
H8105 063X	EPDM radiator hose -H8105	63	2½	63.5	75.5	5.0	1.83
H8105 070X	EPDM radiator hose -H8105	70	2¾	69.85	81.85	5.0	1.98
H8105 075X	EPDM radiator hose -H8105	75	3	76.2	88.2	5.0	2.13
H8105 080X	EPDM radiator hose -H8105	80	3⅜	79.38	91.38	5.0	2.21
H8105 090X	EPDM radiator hose -H8105	90	3½	88.9	100.9	5.0	2.44
H8105 100X	EPDM radiator hose -H8105	100	4	101.6	113.6	5.0	2.75
H8105 115X	EPDM radiator hose -H8105	115	4½	114.3	126.3	5.0	3.06

EPDM radiator hose -H8105 Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

EPDM radiator hose -H8105 - construction & conditions

Parameter	Specification
Tube	BlackEPDM
Reinforcement	Synthetic yarn cords
Cover	UV-resistantEPDM,wrapped finish
Temperature range c	-20 / 130

EPDM radiator hose -H8105 - construction & conditions

Parameter	Specification
Standard length m	1
Compatibility limit	Not oil resistant

EPDM radiator hose -H8105 Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

EPDM radiator hose, table configurations

configuration	Inside diameter (mm)	Outside diameter (mm)	Mass (kg/m)	Roll length (m)
EPDM radiator hose,table configurations	22	30	0.73	1
EPDM radiator hose,table configurations	25.4	33	0.88	1
EPDM radiator hose,table configurations	28	36	0.95	1
EPDM radiator hose,table configurations	31.8	40	1.04	1
EPDM radiator hose,table configurations	35	43	1.11	1
EPDM radiator hose,table configurations	38	48	1.18	1
EPDM radiator hose,table configurations	42	52	1.27	1
EPDM radiator hose,table configurations	45	55	1.32	1
EPDM radiator hose,table configurations	48	60	1.38	1
EPDM radiator hose,table configurations	50.8	61	1.47	1
EPDM radiator hose,table configurations	55	65	1.52	1
EPDM radiator hose,table configurations	57	67	1.62	1
EPDM radiator hose,table configurations	60	70	1.71	1
EPDM radiator hose,table configurations	63	73	1.83	1
EPDM radiator hose,table configurations	70	80	1.97	1
EPDM radiator hose,table configurations	76	86	2.14	1

EPDM radiator hose, table configurations

configuration	Inside diameter (mm)	Outside diameter (mm)	Mass (kg/m)	Roll length (m)
EPDM radiator hose,table configurations	80	90	2.25	1
EPDM radiator hose,table configurations	90	102	2.44	1
EPDM radiator hose,table configurations	102	114	2.76	1
EPDM radiator hose,table configurations	114.3	126.1	3.05	1
EPDM radiator hose,table configurations	127	137	3.113	1

Textile-reinforced EPDM radiator hose configurations. Confirm the selected assembly pressure and temperature before quotation. The dimensions shown do not establish an approved working-pressure duty.

EPDM radiator hose, table configurations - construction & conditions

Parameter	Specification
Tube	EPDM
Reinforcement	Textile cords
Cover	Heat/abrasion/weather-resistant synthetic rubber
Temperature range c	-40 / 120
Safety factor	3

Textile-reinforced EPDM radiator hose configurations. Confirm the selected assembly pressure and temperature before quotation. The dimensions shown do not establish an approved working-pressure duty.

EPDM radiator hose -H8105

Parameter	Specification
Tube	BlackEPDM
Reinforcement	Synthetic yarn cords
Cover	UV-resistantEPDM,wrapped finish
Temperature range c	-20 / 130
Standard length m	1

EPDM radiator hose -H8105

Parameter	Specification
Compatibility limit	Not oil resistant

EPDM radiator hose -H8105 Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

EPDM radiator hose, table configurations

Parameter	Specification
Configurations	EPDM radiator hose, table configurations - Only the named construction; other codes or constructions require their own specification.

Textile-reinforced EPDM radiator hose configurations. Confirm the selected assembly pressure and temperature before quotation. The dimensions shown do not establish an approved working-pressure duty.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

031 / Fuel-line hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: H6003 004XS / H6003 005XS / H6003 006XS / H6003 008XS / H6003 010XS / H6003 012XS

Fuel line -H6003XS

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Mass kg m (kg/m)
H6003 004XS	Fuel line -H6003XS	4	0.15	4	10	20.0	0.11
H6003 005XS	Fuel line -H6003XS	5	3/16	4.8	11	20.0	0.13
H6003 006XS	Fuel line -H6003XS	6	¼	6.3	12.3	20.0	0.158
H6003 008XS	Fuel line -H6003XS	8	5/16	8	14	20.0	0.219
H6003 010XS	Fuel line -H6003XS	10	¾	9.5	15.5	14.0	0.286
H6003 012XS	Fuel line -H6003XS	12	½	12.5	18.5	14.0	0.359

Fuel line -H6003XS Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Fuel line -H6003XS - construction & conditions

Parameter	Specification
Tube	BlackNBR
Reinforcement	Synthetic yarn cords
Cover	Smooth UV-resistantPVC/NBR
Temperature range c	-20 / 80
Standard roll length m	30
Fuel compatibility	Aromatic hydrocarbon content not exceeding50%; verify exact fuel formulation

Fuel line -H6003XS Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Fuel line -H6003XS

Parameter	Specification
Tube	BlackNBR
Reinforcement	Synthetic yarn cords
Cover	Smooth UV-resistantPVC/NBR
Temperature range c	-20 / 80
Standard roll length m	30
Fuel compatibility	Aromatic hydrocarbon content not exceeding50%; verify exact fuel formulation

Fuel line -H6003XS Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

032 / Furnace coolant hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: 7997.025 / 7997.032 / 7997.038 / 7997.051 / 7997.063 / 7997.076 / 7997.102

Nonconductive EPDM coolant hose -7997 series

Part code	Configuration	Id mm	Od mm	Working pressure bar	Min bend radius mm	Wall construction	max radiant temperature c (°C)
7997.025	EPDM/E-glass soft-wall furnace coolant hose	25	39	10.0	310	Soft wall	500
7997.032	EPDM/E-glass soft-wall furnace coolant hose	32	48	10.0	384	Soft wall	500
7997.038	EPDM/E-glass soft-wall furnace coolant hose	38	58	10.0	465	Soft wall	500
7997.051	EPDM/E-glass soft-wall furnace coolant hose	51	71	10.0	570	Soft wall	500
7997.063	EPDM/E-glass soft-wall furnace coolant hose	63	83	10.0	655	Soft wall	500
7997.076	EPDM/E-glass soft-wall furnace coolant hose	76	96	10.0	770	Soft wall	500
7997.102	EPDM/E-glass soft-wall furnace coolant hose	102	122	10.0	980	Soft wall	500

7997-series nonconductive EPDM coolant hose with E-glass outer protection. 500°C denotes external radiant exposure, not conveyed-fluid temperature. Select coolant temperature, radiant exposure duration and electrical requirements separately. A nonconductive compound does not establish an assembly dielectric certification.

Nonconductive EPDM coolant hose -7997 series - construction & conditions

Parameter	Specification
Tube	Red or white nonconductive EPDM
Reinforcement	Polyester cord
Cover	500g/m2 E-glass cloth impregnated with EPDM
Max roll length m	20
Fluid temperature limit	Not provided by exact table; external radiant-exposure value must not be used as fluid temperature

Nonconductive EPDM coolant hose -7997 series - construction & conditions

Parameter	Specification
Dielectric test standard	Not supplied

7997-series nonconductive EPDM coolant hose with E-glass outer protection. 500°C denotes external radiant exposure, not conveyed-fluid temperature. Select coolant temperature, radiant exposure duration and electrical requirements separately. A nonconductive compound does not establish an assembly dielectric certification.

Nonconductive EPDM coolant hose -7997 series

Parameter	Specification
Tube	Red or white nonconductiveEPDM
Reinforcement	Polyester cord
Cover	EPDM-impregnated500g/m2 E-glass cloth
Fluid temperature limit	Requires selected assembly confirmation
Heat exposure scope	row500C maximum radiant temperature is external exposure only; no duration/flux condition supplied

7997-series nonconductive EPDM coolant hose with E-glass outer protection. 500°C denotes external radiant exposure,not conveyed-fluid temperature. Select coolant temperature,radiant exposure duration and electrical requirements separately. A nonconductive compound does not establish an assembly dielectric certification.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

033 / Steam transfer hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Steel-wire EPDM steam hose - dimensional configurations

Configuration	Id mm	Od mm	Min bend radius mm	Max length m
Steel-wire-reinforced blackEPDM steam hose	12	25	130	30
Steel-wire-reinforced blackEPDM steam hose	20	33	190	30

Steel-wire EPDM steam hose - dimensional configurations

Configuration	Id mm	Od mm	Min bend radius mm	Max length m
Steel-wire-reinforced blackEPDM steam hose	25	40	250	30

Steel-wire-reinforced EPDM steam hose dimensions. Select steam hose against operating temperature, working pressure, surge and the required safety factor. Dimensions shown do not establish an approved steam operating duty.

Steel-wire EPDM steam hose - dimensional configurations - construction & conditions

Parameter	Specification
Tube	Smooth blackEPDM
Reinforcement	High-tension steel wire
Cover	EPDM
Standard roll length m	30

Steel-wire-reinforced EPDM steam hose dimensions. Select steam hose against operating temperature, working pressure, surge and the required safety factor. Dimensions shown do not establish an approved steam operating duty.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

034 / Chemical suction and delivery hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: CU16-19 / CU16-25 / CU16-51

UHMWPE-lined chemical suction/delivery -CU16 / column group 1 of 2

Part code	Configuration	Size inch	Id mm	Od mm	Working pressure bar	Burst pressure bar	Safety factor	Min bend radius mm	Mass kg m (kg/m)	max length m
CU16-19	UHMWPE-lined chemical suction/delivery CU16	¾	19	30	16	64	4	130	0.7	100

UHMWPE-lined chemical suction/delivery -CU16 / column group 1 of 2

Part code	Configuration	Size inch	Id mm	Od mm	Working pressure bar	Burst pressure bar	Safety factor	Min bend radius mm	Mass kg m (kg/m)	max length m
CU16-25	UHMWPE-lined chemical suction/delivery CU16	1	25	36	16	64	4	150	0.9	100
CU16-51	UHMWPE-lined chemical suction/delivery CU16	2	51	62	16	64	4	275	1.7	100

Identifying columns are repeated. Read all column groups together for the complete row specification.

UHMWPE-lined chemical suction/delivery -CU16 / column group 2 of 2

Part code	Vacuum gauge kpa
CU16-19	-90
CU16-25	-90
CU16-51	-90

Identifying columns are repeated. Read all column groups together for the complete row specification.

CU16-series UHMWPE-lined chemical suction/delivery hose. Check chemical, concentration, temperature and cleaning agents against the selected liner and seals. Vacuum values are gauge values in k Pa; they are not absolute pressure. A standard 30 m roll and a maximum 100 m manufacturing length describe different options.

UHMWPE-lined chemical suction/delivery -CU16 - construction & conditions

Parameter	Specification
Tube	Transparent UHMWPE/light-coloured synthetic-rubber construction as described
Reinforcement	Textile fabric,steel helix,antistatic copper wire
Cover	SBR/NR abrasion/ozone/weather-resistant rubber
Temperature range c	-30 / 80
Standard roll length m	30
Compatibility	Selected chemical/concentration/temperature must be checked; source98%concentration wording is not universal compatibility

CU16-series UHMWPE-lined chemical suction/delivery hose. Check chemical, concentration, temperature and cleaning agents against the selected liner and seals. Vacuum values are gauge values in k Pa; they are not absolute pressure. A standard 30 m roll and a maximum 100 m manufacturing length describe different options.

UHMWPE chemical suction/discharge hose, 16 bar series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
UHMWPE chemical suction/discharge hose, 16bar series	50	63	16	64	2.25	30
UHMWPE chemical suction/discharge hose, 16bar series	63	77	16	64	2.4	30
UHMWPE chemical suction/discharge hose, 16bar series	75	92	16	64	4.5	30

UHMWPE-lined chemical suction/discharge hose. Check chemical, concentration, temperature and cleaning conditions for the selected assembly. The -30°C to 120°C range applies to this named construction; do not apply it to other UHMWPE series.

UHMWPE chemical suction/discharge hose, 16 bar series - construction & conditions

Parameter	Specification
Tube	UHMWPE
Reinforcement	Synthetic fabric and embedded wire helix
Cover	EPDM
Temperature range c	-30 / 120
Safety factor	4
Compatibility requirement	Check chemical chart and test liner under actual medium/concentration/temperature conditions

UHMWPE-lined chemical suction/discharge hose. Check chemical, concentration, temperature and cleaning conditions for the selected assembly. The -30°C to 120°C range applies to this named construction; do not apply it to other UHMWPE series.

UHMWPE chemical suction/discharge hose, 16 bar series

Parameter	Specification
Configurations	UHMWPE chemical suction/discharge hose, 16 bar series - Only the named construction; other codes or constructions require their own specification.

UHMWPE-lined chemical suction/discharge hose. Check chemical, concentration, temperature and cleaning conditions for the selected assembly. The -30°C to 120°C range applies to this named construction; do not apply it to other UHMWPE series.

[Application & quotation checklist](#)

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

035 / PVC industrial hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

[Clear yarn-reinforced PVC hose](#)

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Clear yarn-reinforced PVC hose	6	12	13	39	0.1	30
Clear yarn-reinforced PVC hose	8	14	12	36	0.117	30
Clear yarn-reinforced PVC hose	10	15.6	11	33	0.133	30
Clear yarn-reinforced PVC hose	12	18.6	11	33	0.2	30
Clear yarn-reinforced PVC hose	16	22.7	10	30	0.283	30
Clear yarn-reinforced PVC hose	20	27.6	10	30	0.317	30
Clear yarn-reinforced PVC hose	25	35.2	10	30	0.483	30
Clear yarn-reinforced PVC hose	32	43.8	9	27	0.733	30
Clear yarn-reinforced PVC hose	40	54.9	8	24	1.1	30
Clear yarn-reinforced PVC hose	50	67.2	7	21	1.566	30

Clear yarn-reinforced PVC hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

[Clear yarn-reinforced PVC hose - construction & conditions](#)

Parameter	Specification
Tube	Clear PVC
Reinforcement	Yarn

Clear yarn-reinforced PVC hose - construction & conditions

Parameter	Specification
Cover	Clear PVC
Temperature range c	-15 / 60
Food contact status	Photo badge says food grade; no named food-contact standard, certificate, migration evidence or medium-specific approval supplied

Clear yarn-reinforced PVC hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Unreinforced PVC, thin/thick-wall family

configuration	Inside diameter (mm)
Unreinforced PVC, thin/thick-wall family	3
Unreinforced PVC, thin/thick-wall family	5
Unreinforced PVC, thin/thick-wall family	6.5
Unreinforced PVC, thin/thick-wall family	8
Unreinforced PVC, thin/thick-wall family	10
Unreinforced PVC, thin/thick-wall family	12.5
Unreinforced PVC, thin/thick-wall family	16
Unreinforced PVC, thin/thick-wall family	20
Unreinforced PVC, thin/thick-wall family	25
Unreinforced PVC, thin/thick-wall family	32
Unreinforced PVC, thin/thick-wall family	40
Unreinforced PVC, thin/thick-wall family	50

Unreinforced clear PVC bore configurations. Low-pressure service only after medium and temperature selection. Outside diameter and working pressure require configuration confirmation.

Unreinforced PVC, thin/thick-wall family - construction & conditions

Parameter	Specification
Tube	PVC
Reinforcement	None
Cover	Clear PVC
Temperature range c	0 / 60
Service	Low-pressure air/fluid transfer

Unreinforced clear PVC bore configurations. Low-pressure service only after medium and temperature selection. Outside diameter and working pressure require configuration confirmation.

Pvc industrial hose

Parameter	Specification
Material family	PVC
Available constructions	Clear unreinforced / Clear textile-reinforced / Steel-wire suction / Rigid-helix suction / High-pressure crop spray / Layflat
Temperature range c	-20 / 60
Stock configuration note	Select named construction; not everyPVC hose is food-compatible or pressure-rated alike.

Values apply only to the named construction. Dimensions and ratings apply to the named construction or exact code shown. Select pressure,temperature,medium and end fittings together for the finished assembly.

Clear yarn-reinforced PVC hose

Parameter	Specification
Configurations	Clear yarn-reinforced PVC hose / Unreinforced PVC, thin/thick-wall family - Only the named construction; other codes or constructions require their own specification.

Clear yarn-reinforced PVC hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Low-pressure service only after medium and temperature selection. Outside diameter and working pressure require configuration confirmation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

036 / Petroleum composite hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: H8204040 / H8204050 / H8204065 / H8204080 / H8204100 / H8204150

Petroleum composite - H8204 series

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Vacuum magnitude kpa	Mass kg m (kg/m)
H8204040	Petroleum composite - H8204 series	40	1½	38.1	50	7.0	60	2.48
H8204050	Petroleum composite - H8204 series	50	2	50.8	62	7.0	60	3.08
H8204065	Petroleum composite - H8204 series	65	2½	63.5	75	7.0	60	3.52
H8204080	Petroleum composite - H8204 series	80	3	76.2	89	7.0	60	5.34
H8204100	Petroleum composite - H8204 series	100	4	101.6	115	7.0	60	6.98
H8204150	Petroleum composite - H8204 series	150	6	152.4	172	7.0	60	14.03

Petroleum composite - H8204 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

Petroleum composite - H8204 series - construction & conditions

Parameter	Specification
Tube	Polypropylene film
Reinforcement	Woven polypropylene fabric with Galvanized steel wire inner helix and galvanized outer helix
Cover	Antistatic reinforced PVC
Temperature range c	-10 / 60
Standard assembled length m	10
Assembly requirement	Supplied fitted; ends crimped. Chemical/pressure duty and electrical continuity require assembly selection.

Petroleum composite - H8204 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

Petroleum composite - H8204 series

Parameter	Specification
Tube	Polypropylene film
Reinforcement	Woven polypropylene with Galvanized steel wireinner helix/galvanized outer helix
Cover	Antistatic reinforced PVC
Temperature range c	-10 / 60
Standard assembled length m	10

Petroleum composite - H8204 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

037 / Lightweight petroleum composite hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: H8206100

Lightweight petroleum composite - H8206 series

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Vacuum magnitude kpa	Mass kg m (kg/m)
H8206100	Lightweight petroleum composite - H8206 series	100	4	101.6	115	3.5	60	3.96

Lightweight petroleum composite - H8206 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

Lightweight petroleum composite - H8206 series - construction & conditions

Parameter	Specification
Tube	Polypropylene film
Reinforcement	Woven polypropylene fabric with High-strain aluminium wire inner helix and galvanized outer helix
Cover	Antistatic reinforced PVC
Temperature range c	-10 / 60
Standard assembled length m	10
Assembly requirement	Supplied fitted; ends crimped. Chemical/pressure duty and electrical continuity require assembly selection.

Lightweight petroleum composite - H8206 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

Lightweight petroleum composite - H8206 series

Parameter	Specification
Tube	Polypropylene film
Reinforcement	Woven polypropylene with High-strain aluminium wireinner helix/galvanized outer helix
Cover	Antistatic reinforced PVC
Temperature range c	-10 / 60
Standard assembled length m	10

Lightweight petroleum composite - H8206 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

038 / Bunkering composite hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: H8250080 / H8250100 / H8250150

Bunkering composite - H8250 series

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Vacuum magnitude kpa	Mass kg m (kg/m)
H8250080	Bunkering composite - H8250 series	80	3	76.2	99	14.0	60	6.15
H8250100	Bunkering composite - H8250 series	100	4	101.6	120	14.0	60	8.28
H8250150	Bunkering composite - H8250 series	150	6	152.4	189	14.0	60	18.27

Bunkering composite - H8250 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

Bunkering composite - H8250 series - construction & conditions

Parameter	Specification
Tube	Woven polypropylene cloth plus polypropylene film
Reinforcement	Woven polypropylene fabric with 316stainless wire inner helix and galvanized outer helix
Cover	Antistatic reinforced PVC
Temperature range c	-10 / 60
Standard assembled length m	10
Assembly requirement	Supplied fitted; ends crimped. Chemical/pressure duty and electrical continuity require assembly selection.

Bunkering composite - H8250 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

Bunkering composite - H8250 series

Parameter	Specification
Tube	Woven polypropylene cloth plus polypropylene film

Bunkering composite - H8250 series

Parameter	Specification
Reinforcement	Woven polypropylene with 316stainless wireinner helix/galvanized outer helix
Cover	Antistatic reinforced PVC
Temperature range c	-10 / 60
Standard assembled length m	10

Bunkering composite - H8250 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

039 / Chemical composite hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: H8269040 / H8269050 / H8269065 / H8269080 / H8269100 / H8269150

Chemical composite - H8269 series

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Vacuum magnitude kpa	Mass kg m (kg/m)
H8269040	Chemical composite - H8269 series	40	1½	38.1	51	10.0	60	2.82
H8269050	Chemical composite - H8269 series	50	2	50.8	63	10.0	60	3.51
H8269065	Chemical composite - H8269 series	65	2½	63.5	76	10.0	60	4.25
H8269080	Chemical composite - H8269 series	80	3	76.2	89	10.0	60	4.98
H8269100	Chemical composite - H8269 series	100	4	101.6	116	10.0	60	7.78
H8269150	Chemical composite - H8269 series	150	6	152.4	176	10.0	60	16.73

Chemical composite - H8269 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

Chemical composite - H8269 series - construction & conditions

Parameter	Specification
Tube	Polypropylene film
Reinforcement	Woven polypropylene fabric with 316stainless wire inner helix and galvanized outer helix
Cover	Antistatic reinforced PVC
Temperature range c	-10 / 60
Standard assembled length m	10
Assembly requirement	Supplied fitted; ends crimped. Chemical/pressure duty and electrical continuity require assembly selection.

Chemical composite - H8269 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

Chemical composite - H8269 series

Parameter	Specification
Tube	Polypropylene film
Reinforcement	Woven polypropylene with 316stainless wireinner helix/galvanized outer helix
Cover	Antistatic reinforced PVC
Temperature range c	-10 / 60
Standard assembled length m	10

Chemical composite - H8269 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

040 / PTFE-lined chemical composite hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: H8270040 / H8270050 / H8270065 / H8270080 / H8270100 / H8270150

PTFE-lined chemical composite - H8270 series

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Vacuum magnitude kpa	Mass kg m (kg/m)
H8270040	PTFE-lined chemical composite - H8270 series	40	1½	38.1	52	10.0	60	2.96
H8270050	PTFE-lined chemical composite - H8270 series	50	2	50.8	64	10.0	60	3.68
H8270065	PTFE-lined chemical composite - H8270 series	65	2½	63.5	77	10.0	60	4.46
H8270080	PTFE-lined chemical composite - H8270 series	80	3	76.2	90	10.0	60	5.24
H8270100	PTFE-lined chemical composite - H8270 series	100	4	101.6	117	10.0	60	8.12
H8270150	PTFE-lined chemical composite - H8270 series	150	6	152.4	177	10.0	60	17.24

PTFE-lined chemical composite - H8270 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

PTFE-lined chemical composite - H8270 series - construction & conditions

Parameter	Specification
Tube	Double virginPTFE film plus polypropylene film
Reinforcement	Woven polypropylene fabric with 316stainless wire inner helix and galvanized outer helix
Cover	Antistatic reinforced PVC
Temperature range c	-10 / 60
Standard assembled length m	10
Assembly requirement	Supplied fitted; ends crimped. Chemical/pressure duty and electrical continuity require assembly selection.

PTFE-lined chemical composite - H8270 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

PTFE-lined chemical composite - H8270 series

Parameter	Specification
Tube	Double virginPTFE film plus polypropylene film
Reinforcement	Woven polypropylene with 316stainless wireinner helix/galvanized outer helix
Cover	Antistatic reinforced PVC
Temperature range c	-10 / 60
Standard assembled length m	10

PTFE-lined chemical composite - H8270 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

041 / Mining air and water hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Mining air water hose

Parameter	Specification
Reinforcement	Synthetic yarn cords
Temperature range c	-20 / 60
Bore range mm	10 / 50
Standard roll length m	30

Mining air water hose

Parameter	Specification
Claimed standard	SANS1086/2007; verify supplied hose test/certificate and colour construction
Green orange properties	says fire-retardant/self-extinguishing; this does not establish automatic fire-suppression compatibility

Values apply only to the named construction. Dimensions and ratings apply to the named construction or exact code shown. Select pressure,temperature,medium and end fittings together for the finished assembly.

Mining air water hose

Parameter	Specification
Family description	Air/water service family

Configuration selected to match the application. Specify medium,bore,length,pressure or vacuum,temperature and end connections for technical selection. No numeric engineering rating is established for an unspecified construction.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

042 / Rock-drill hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Red PVC rock-drill hose

Configuration	Id mm	Reinforcement	Cover	Temperature range c (°C)	Roll length options m	pressure description
RedPVC rock-drill hose	12	Woven polyester	UV-resistantPVC	-20 / 60	30 / 50	From3500kPa; no size-specific pressure assignment
RedPVC rock-drill hose	20	Woven polyester	UV-resistantPVC	-20 / 60	30 / 50	From3500kPa; no size-specific pressure assignment
RedPVC rock-drill hose	25	Woven polyester	UV-resistantPVC	-20 / 60	30 / 50	From3500kPa; no size-specific pressure assignment

Red PVC rock-drill hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Choose a size-specific pressure rating; a range starting pressure is not an every-size rating.

Red PVC rock-drill hose

Parameter	Specification
Reinforcement	Woven polyester
Cover	UV-resistantPVC
Temperature range c	-20 / 60
Roll length options m	30 / 50
Pressure description	From3500kPa; no size-specific pressure assignment

Red PVC rock-drill hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Choose a size-specific pressure rating; a range starting pressure is not an every-size rating.

Rock drill hose

Parameter	Specification
Family description	Rock-drill air-supply family

Configuration selected to match the application. Specify medium,bore,length,pressure or vacuum,temperature and end connections for technical selection. No numeric engineering rating is established for an unspecified construction.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

043 / Antistatic mining hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Antistatic explosives-loading PVC hose

Configuration	Id mm	Material	claimed resistance standard	Temperature range c (°C)	Standard roll length m
Antistatic explosives-loadingPVC hose	16	Antistatic blackPVC	BS2050/1978	-20 / 60	30
Antistatic explosives-loadingPVC hose	20	Antistatic blackPVC	BS2050/1978	-20 / 60	30

Antistatic explosives-loading PVC hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Confirm the required electrical-resistance test and application approval for the complete assembly.

Antistatic explosives-loading PVC hose

Parameter	Specification
Material	Antistatic blackPVC
Claimed resistance standard	BS2050/1978
Temperature range c	-20 / 60
Standard roll length m	30

Antistatic explosives-loading PVC hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Confirm the required electrical-resistance test and application approval for the complete assembly.

Antistatic mining hose

Parameter	Specification
Family description	identifies antistatic family; no numerical resistance or test details

Configuration selected to match the application. Specify medium,bore,length,pressure or vacuum,temperature and end connections for technical selection. No numeric engineering rating is established for an unspecified construction.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

044 / Clear reinforced industrial hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Clear reinforced PVC hose - manufacturing range

Configuration	Material	Reinforcement	id min mm	id max mm	Temperature min c (°C)	Temperature max c (°C)	standard roll length m
Clear reinforcedPVC hose	ClearPVC	Synthetic yarn	6	50	-20	60	30

Clear reinforced PVC hose - manufacturing range Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. This is a bore envelope; intermediate sizes, pressure ratings and food-contact suitability are not inferred.

Clear reinforced PVC range

Configuration	id min mm	id max mm	pressure envelope min bar	pressure envelope max bar	Standard roll length m
Clear reinforcedPVC hose	3	50	7	17	30

Clear reinforced PVC hose range. The 7-17 bar pressure envelope depends on the selected bore and construction. Do not assign 17 bar to every size; confirm its size-specific duty.

Clear reinforced PVC hose - manufacturing range

Parameter	Specification
Material	ClearPVC
Reinforcement	Synthetic yarn

Clear reinforced PVC hose - manufacturing range Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. This is a bore envelope; intermediate sizes, pressure ratings and food-contact suitability are not inferred.

Clear reinforced hose

Parameter	Specification
Family description	classifies non-toxic reinforced hose; no specific food-contact standard

Configuration selected to match the application. Specify medium,bore,length,pressure or vacuum,temperature and end connections for technical selection. No numeric engineering rating is established for an unspecified construction.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

045 / Clear unreinforced industrial hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Clear unreinforced PVC hose - manufacturing range

Configuration	Material	Reinforcement	id min mm	id max mm	Temperature min c (°C)	Temperature max c (°C)	standard roll length m
Clear unreinforcedPVC hose	ClearPVC	None	6	50	-20	60	30

Clear unreinforced PVC hose - manufacturing range Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. This is a bore envelope; intermediate sizes, pressure ratings and food-contact suitability are not inferred.

Clear PVC thin/thick-wall ranges

Configuration	Family reference	Wall construction	id min mm	id max mm	Standard roll length m
ClearPVC thin wall	6001	Thin wall	3	50	30
ClearPVC thick wall	6002	Thick wall	3	50	30

Clear PVC in thin-wall 6001 and thick-wall 6002 ranges. 6001 and 6002 identify ranges; they are not complete size-specific ordering codes. Use for selected low-pressure duty; no numeric pressure rating is established here.

Clear unreinforced PVC hose - manufacturing range

Parameter	Specification
Material	ClearPVC
Reinforcement	None

Clear unreinforced PVC hose - manufacturing range Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. This is a bore envelope; intermediate sizes, pressure ratings and food-contact suitability are not inferred.

Clear wall hose

Parameter	Specification
Family description	classifies non-toxic clear-wall hose; no specific food-contact standard

Configuration selected to match the application. Specify medium,bore,length,pressure or vacuum,temperature and end connections for technical selection. No numeric engineering rating is established for an unspecified construction.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

046 / Automotive heater hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Rubber automotive heater/water hose -5 bar range

Configuration	Id mm	Working pressure bar	max temperature c (°C)	max length m
Rubber automotive heater/water hose -5bar range	12	5	120	15
Rubber automotive heater/water hose -5bar range	16	5	120	15
Rubber automotive heater/water hose -5bar range	20	5	120	15

Heat-resistant rubber automotive heater/water hose. 5 bar is the range working-pressure figure; 120°C is the heat-resistance limit. Select the pressure-temperature combination and continuous/intermittent duty before assembly.

Rubber automotive heater/water hose -5 bar range

Parameter	Specification
Application	Automotive heater and water overflow lines
Material	Heat-resistant rubber; compound not disclosed

Heat-resistant rubber automotive heater/water hose. 5 bar is the range working-pressure figure; 120°C is the heat-resistance limit. Select the pressure-temperature combination and continuous/intermittent duty before assembly.

Automotive heater hose

Parameter	Specification
Family description	Engine heater/coolant service family

Configuration selected to match the application. Specify medium,bore,length,pressure or vacuum,temperature and end connections for technical selection. No numeric engineering rating is established for an unspecified construction.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

047 / Reinforced automotive fuel hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Reinforced automotive rubber fuel hose -12 bar named range

Configuration	Id mm	Working pressure bar	Standard length m
Reinforced rubber automotive fuel hose -12bar series	3	12	10
Reinforced rubber automotive fuel hose -12bar series	5	12	10
Reinforced rubber automotive fuel hose -12bar series	6	12	10
Reinforced rubber automotive fuel hose -12bar series	8	12	10
Reinforced rubber automotive fuel hose -12bar series	10	12	10
Reinforced rubber automotive fuel hose -12bar series	12	12	10

Reinforced rubber automotive fuel hose. The configurations shown use a 12 bar working-pressure range. Confirm fuel formulation, temperature and reinforcement details for the selected assembly.

Reinforced automotive rubber fuel hose -12 bar named range

Parameter	Specification
Application	Automotive fuel transfer
Construction	Reinforced rubber hose; polymer and reinforcement grade not disclosed

Reinforced rubber automotive fuel hose. The configurations shown use a 12 bar working-pressure range. Confirm fuel formulation, temperature and reinforcement details for the selected assembly.

Reinforced automotive fuel hose

Parameter	Specification
Family description	Automotive fuel-service family

Configuration selected to match the application. Specify medium,bore,length,pressure or vacuum,temperature and end connections for technical selection. No numeric engineering rating is established for an unspecified construction.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

048 / Braided automotive fuel hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Braided automotive fuel hose

Parameter	Specification
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Family description	Automotive fuel-service family
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Configuration selected to match the application. Specify medium,bore,length,pressure or vacuum,temperature and end connections for technical selection. No numeric engineering rating is established for an unspecified construction.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

049 / Mining & Heavy Duty Air Hose

Industrial and mining compressed-air service.

Ordering references: HLFHDYLLW 020X / HLFHDYLLW 025X / HLFHDYLLW 050X

Yellow rubber compressor air layflat -exact coded variants

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Wall thickness mm	Working pressure bar	Burst pressure bar	Mass kg m (kg/m)
HLFHDYLLW 020X	Yellow rubber compressor air layflat	20	¾	19	24	2.5	24.0	80.0	0.192
HLFHDYLLW 025X	Yellow rubber compressor air layflat	25	1	25	30	2.5	24.0	70.0	0.24
HLFHDYLLW 050X	Yellow rubber compressor air layflat	50	2	51	56	3	20.0	70.0	0.46

Yellow rubber compressor air layflat -exact coded variants Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Colour identifies a construction, not a common rating; use the pressure for the exact code. Layflat delivery hose must not be selected for suction duty. This is a compressor-air construction; do not substitute a water-only layflat hose.

Rubber air hose, oil-mist-resistant, 12 bar series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Rubber air hose,oil-mist-resistant,12bar series	6	13	12	48	0.152	100
Rubber air hose,oil-mist-resistant,12bar series	8	15	12	48	0.19	100
Rubber air hose,oil-mist-resistant,12bar series	10	17	12	48	0.224	100
Rubber air hose,oil-mist-resistant,12bar series	12	22	12	48	0.375	30 / 60
Rubber air hose,oil-mist-resistant,12bar series	16	25	12	48	0.428	30
Rubber air hose,oil-mist-resistant,12bar series	20	29	12	48	0.572	30 / 60
Rubber air hose,oil-mist-resistant,12bar series	25	36	12	48	0.693	30 / 60
Rubber air hose,oil-mist-resistant,12bar series	32	40	10	40	0.752	30
Rubber air hose,oil-mist-resistant,12bar series	38	45	10	40	0.778	30

Rubber air hose, oil-mist-resistant, 12 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Rubber air hose, oil-mist-resistant, 12 bar series - construction & conditions

Parameter	Specification
Tube	Oil-mist-resistant synthetic rubber
Reinforcement	Synthetic textile yarn
Cover	EPDM synthetic rubber
Temperature range c	-25 / 70
Safety factor	4

Rubber air hose, oil-mist-resistant, 12 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Rubber mining air/water hose, 12 bar series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Rubber mining air/water hose,12bar series	12	20.5	12	48	0.309	60
Rubber mining air/water hose,12bar series	20	29	12	48	0.52	30 / 60
Rubber mining air/water hose,12bar series	25	36	12	48	0.724	30 / 60
Rubber mining air/water hose,12bar series	32	41	12	48	0.791	30
Rubber mining air/water hose,12bar series	38	47	12	48	0.724	30

Rubber mining air/water hose, 12 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Rubber mining air/water hose, 12 bar series - construction & conditions

Parameter	Specification
Tube	NR/SBR
Reinforcement	Synthetic textile yarn
Cover	NBR/SBR/EPDM
Temperature range c	-25 / 70
Safety factor	4

Rubber mining air/water hose, 12 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Rubber mining air/water hose, 20 bar series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Rubber mining air/water hose,20bar series	12	20.5	20	60	0.366	30

Rubber mining air/water hose, 20 bar series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Rubber mining air/water hose,20bar series	20	29	20	60	0.566	30
Rubber mining air/water hose,20bar series	25	36	20	60	0.82	30

Rubber mining air/water hose, 20 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Rubber mining air/water hose, 20 bar series - construction & conditions

Parameter	Specification
Tube	NBR/SBR
Reinforcement	Synthetic textile yarn
Cover	NBR/SBR/EPDM
Temperature range c	-25 / 70
Safety factor	3

Rubber mining air/water hose, 20 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

PVC mining air/water hose

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
PVC mining air/water hose	10	16	17	68	0.21	30
PVC mining air/water hose	12	20	17	68	0.276	30
PVC mining air/water hose	20	28	15	60	0.434	30
PVC mining air/water hose	25	35	14	56	0.608	30
PVC mining air/water hose	32	43	10	40	0.901	30
PVC mining air/water hose	50	66	8	32	1.926	50 / 100

PVC mining air/water hose configurations. Working and burst pressures are distinct values for each bore. Do not infer a safety factor from a general range description.

PVC mining air/water hose - construction & conditions

Parameter	Specification
Tube	Cut/oil/abrasion-resistant PVC
Reinforcement	Polyester yarn
Temperature range c	0 / 60
Safety factor	3

PVC mining air/water hose configurations. Working and burst pressures are distinct values for each bore. Do not infer a safety factor from a general range description.

Rubber air hose, oil-mist-resistant, 12 bar series

Parameter	Specification
Configurations	Rubber air hose, oil-mist-resistant, 12 bar series / Rubber mining air/water hose, 12 bar series / Rubber mining air/water hose, 20 bar series / PVC mining air/water hose - Only the named construction; other codes or constructions require their own specification.

Rubber air hose, oil-mist-resistant, 12 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Working and burst pressures are distinct values for each bore. Do not infer a safety factor from a general range description.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

050 / Water Suction & Delivery Hose

Dewatering, water transfer and general pumping.

Wire-helix rubber water suction/delivery hose, 12 bar series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Wire-helix rubber water suction/delivery hose,12bar series	32	43	12	36	0.874	30
Wire-helix rubber water suction/delivery hose,12bar series	40	50	12	36	1.488	30
Wire-helix rubber water suction/delivery hose,12bar series	50	63	12	36	1.595	30

Wire-helix rubber water suction/delivery hose, 12 bar series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Wire-helix rubber water suction/delivery hose, 12bar series	75	89	12	36	2.857	30
Wire-helix rubber water suction/delivery hose, 12bar series	100	118	12	36	4.382	30
Wire-helix rubber water suction/delivery hose, 12bar series	150	174	12	36	5.97	30

Wire-helix rubber water suction/delivery hose, 12 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Wire-helix rubber water suction/delivery hose, 12 bar series - construction & conditions

Parameter	Specification
Tube	Synthetic/natural rubber
Reinforcement	Synthetic fabric and embedded wire helix
Cover	EPDM/SBR/NR
Temperature range c	-20 / 80
Safety factor	3
Vacuum rating	Not stated

Wire-helix rubber water suction/delivery hose, 12 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Wire-helix rubber water suction/delivery hose, 12 bar series

Parameter	Specification
Configurations	Wire-helix rubber water suction/delivery hose, 12 bar series - Only the named construction; other codes or constructions require their own specification.

Wire-helix rubber water suction/delivery hose, 12 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

051 / Fuel Delivery & Dispensing Hose

Vehicle, plant and bulk fuel transfer applications.

NBR oil/fuel suction-delivery hose, 12 bar series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
NBR oil/fuel suction-delivery hose,12bar series	25	36	12	36	0.806	30
NBR oil/fuel suction-delivery hose,12bar series	32	43	12	36	1.026	30
NBR oil/fuel suction-delivery hose,12bar series	38	50	12	36	1.315	30
NBR oil/fuel suction-delivery hose,12bar series	50	63	12	36	1.496	30
NBR oil/fuel suction-delivery hose,12bar series	63	78	12	36	1.86	30
NBR oil/fuel suction-delivery hose,12bar series	76	91	12	36	3.287	30
NBR oil/fuel suction-delivery hose,12bar series	100	118	12	36	4.946	30
NBR oil/fuel suction-delivery hose,12bar series	150	170	12	36	9.5	20

NBR oil/fuel suction-delivery hose, 12 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

NBR oil/fuel suction-delivery hose, 12 bar series - construction & conditions

Parameter	Specification
Tube	NBR

NBR oil/fuel suction-delivery hose, 12 bar series - construction & conditions

Parameter	Specification
Reinforcement	Synthetic fabric and embedded steel helix
Cover	NBR/SBR
Temperature range c	-20 / 80
Safety factor	3
Vacuum rating	Not stated
Material compatibility	names fuel,oil anddiesel; exact product compatibility required

NBR oil/fuel suction-delivery hose, 12 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

NBR fuel/oil hose, 20 bar series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
NBR fuel/oil hose,20bar series	5	12	20	60	0.128	50
NBR fuel/oil hose,20bar series	6	13.3	20	60	0.158	50
NBR fuel/oil hose,20bar series	8	15	20	60	0.184	50
NBR fuel/oil hose,20bar series	10	16.5	20	60	0.202	50
NBR fuel/oil hose,20bar series	12	20	20	60	0.265	50
NBR fuel/oil hose,20bar series	16	24	20	60	0.354	50
NBR fuel/oil hose,20bar series	20	29	20	60	0.525	50

NBR fuel/oil hose, 20 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

NBR fuel/oil hose, 20 bar series - construction & conditions

Parameter	Specification
Tube	NBR
Reinforcement	Synthetic textile yarn

NBR fuel/oil hose, 20 bar series - construction & conditions

Parameter	Specification
Cover	NBR/SBR
Temperature range c	-40 / 100
Safety factor	3

NBR fuel/oil hose, 20 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

NBR oil/fuel suction-delivery hose, 12 bar series

Parameter	Specification
Configurations	NBR oil/fuel suction-delivery hose, 12 bar series / NBR fuel/oil hose, 20 bar series - Only the named construction; other codes or constructions require their own specification.

NBR oil/fuel suction-delivery hose, 12 bar series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

052 / Hot Water & Washdown Hose

Industrial washdown and hot water transfer.

Ordering references: T-350 LL

T-350 LL named series specification

Size reference	Named series	Id min mm	Id max mm	Steam working pressure bar	Hot water working pressure bar	Temperature min c	Temperature max c	Standard length m
T-350 LL	T-350 LL	13	25	7	15	-40	165	61

T-350 LL has separate steam and hot-water service ratings. Steam working pressure: 7 bar; hot-water working pressure: 15 bar. The temperature range is -40°C to 165°C; 15 bar at 165°C is not established as a simultaneous hot-water duty. Steam and water safety factors differ; select the correct service regime.

T-350 LL named series specification - construction & conditions

Parameter	Specification
Tube	White food-grade EPDM as described
Reinforcement	Textile cords
Cover	White EPDM
Service modes	Saturated steam and hot-water delivery
Steam safety factor	10
Water safety factor	4

T-350 LL has separate steam and hot-water service ratings. Steam working pressure: 7 bar; hot-water working pressure: 15 bar. The temperature range is -40°C to 165°C; 15 bar at 165°C is not established as a simultaneous hot-water duty. Steam and water safety factors differ; select the correct service regime.

T-350 LL named series specification

Parameter	Specification
Tube	White food-grade EPDM as described - Only the named construction; other codes or constructions require their own specification.
Reinforcement	Textile cords - Only the named construction; other codes or constructions require their own specification.
Cover	White EPDM - Only the named construction; other codes or constructions require their own specification.
Service modes	Saturated steam and hot-water delivery - Only the named construction; other codes or constructions require their own specification.
Steam safety factor	10 - Only the named construction; other codes or constructions require their own specification.
Water safety factor	4 - Only the named construction; other codes or constructions require their own specification.

T-350 LL has separate steam and hot-water service ratings. Steam working pressure: 7 bar; hot-water working pressure: 15 bar. The temperature range is -40°C to 165°C; 15 bar at 165°C is not established as a simultaneous hot-water duty. Steam and water safety factors differ; select the correct service regime.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

053 / Food & Beverage Hose

Food-contact duty subject to the required declaration and medium.

Ordering references: T-452 LH

Non-toxic steel-wire-reinforced PVC liquid-transfer hose

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Non-toxic steel-wire-reinforced PVC liquid-transfer hose	20	26	5	15	0.35	30
Non-toxic steel-wire-reinforced PVC liquid-transfer hose	25	31	5	15	0.533	30
Non-toxic steel-wire-reinforced PVC liquid-transfer hose	32	39	4	12	0.65	30
Non-toxic steel-wire-reinforced PVC liquid-transfer hose	38	47	4	12	0.8	30
Non-toxic steel-wire-reinforced PVC liquid-transfer hose	50	59	4	12	1.25	30
Non-toxic steel-wire-reinforced PVC liquid-transfer hose	75	84	3	9	1.75	30

Steel-wire-reinforced PVC liquid-transfer hose. Check the exact food/chemical medium and cleaning conditions for the selected assembly. Food-contact suitability requires the relevant current documentation.

Non-toxic steel-wire-reinforced PVC liquid-transfer hose - construction & conditions

Parameter	Specification
Tube	Transparent plasticised PVC
Reinforcement	Steel wire
Cover	Transparent
Temperature range c	-5 / 60
Service	Liquid food and chemical suction/delivery as described by supplier
Food contact status	No named food-contact standard or specific dairy/CIP compatibility certificate supplied

Steel-wire-reinforced PVC liquid-transfer hose. Check the exact food/chemical medium and cleaning conditions for the selected assembly. Food-contact suitability requires the relevant current documentation.

T-452 LH named series specification

Size reference	Named series	Id min mm	Id max mm	Working pressure bar	Temperature min c	Temperature max c	Standard length options m	Safety factor
T-452 LH	T-452 LH	13	76	10	-30	80	20 / 30 / 60	3

T-452 LH liquid-food and beverage hose. Confirm alcohol content and cleaning chemistry for the selected liner. No 50% ABV suitability is established. A bore range does not identify every orderable size.

T-452 LH named series specification - construction & conditions

Parameter	Specification
Tube	White NR
Reinforcement	Textile cords plus embedded steel helix
Cover	Red SBR/EPDM
Application	Liquid-food/beverage transfer; text includes suction/delivery

T-452 LH liquid-food and beverage hose. Confirm alcohol content and cleaning chemistry for the selected liner. No 50% ABV suitability is established. A bore range does not identify every orderable size.

Non-toxic steel-wire-reinforced PVC liquid-transfer hose

Parameter	Specification
Configurations	Non-toxic steel-wire-reinforced PVC liquid-transfer hose - Only the named construction; other codes or constructions require their own specification.

Steel-wire-reinforced PVC liquid-transfer hose. Check the exact food/chemical medium and cleaning conditions for the selected assembly. Food-contact suitability requires the relevant current documentation.

T-452 LH named series specification

Parameter	Specification
Tube	White NR - Only the named construction; other codes or constructions require their own specification.
Reinforcement	Textile cords plus embedded steel helix - Only the named construction; other codes or constructions require their own specification.
Cover	Red SBR/EPDM - Only the named construction; other codes or constructions require their own specification.
Application	Liquid-food/beverage transfer; text includes suction/delivery - Only the named construction; other codes or constructions require their own specification.

T-452 LH liquid-food and beverage hose. Confirm alcohol content and cleaning chemistry for the selected liner. No 50% ABV suitability is established. A bore range does not identify every orderable size.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

054 / Dairy & Hygienic Transfer Hose

Hygienic transfer with suitable end connections and cleaning requirements.

Ordering references: T-412 LH

T-412 LH named series specification

Size reference	Named series	Id min mm	Id max mm	Working pressure bar	Temperature min c	Temperature max c	Standard length m	Safety factor
T-412 LH	T-412 LH	38	76	10	-40	80	20	3

T-412 LH dairy suction/delivery hose. Validate milk/food compatibility, cleaning chemistry, temperature and hygiene requirements for the selected assembly. A bore range does not identify every orderable size.

T-412 LH named series specification - construction & conditions

Parameter	Specification
Tube	White NR
Reinforcement	Textile cords plus embedded steel helix
Cover	Blue NR/EPDM
Application	Milk tanker/liquid-food suction and delivery

T-412 LH dairy suction/delivery hose. Validate milk/food compatibility, cleaning chemistry, temperature and hygiene requirements for the selected assembly. A bore range does not identify every orderable size.

T-412 LH named series specification

Parameter	Specification
Tube	White NR - Only the named construction; other codes or constructions require their own specification.
Reinforcement	Textile cords plus embedded steel helix - Only the named construction; other codes or constructions require their own specification.
Cover	Blue NR/EPDM - Only the named construction; other codes or constructions require their own specification.

T-412 LH named series specification

Parameter	Specification
Application	Milk tanker/liquid-food suction and delivery - Only the named construction; other codes or constructions require their own specification.

T-412 LH dairy suction/delivery hose. Validate milk/food compatibility, cleaning chemistry, temperature and hygiene requirements for the selected assembly. A bore range does not identify every orderable size.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

055 / Abrasive Material Handling Hose

Transfer of abrasive dry bulk material.

Ordering references: 80036 100 / 80036 125 / 80036 150 / 80036 178 / 80036 200 / 80036 250 / 80036 300 / 80036 350 / 80036 400 / 80036 450 / 80036 500 / 80036 600

Wet-abrasion slurry hose - 80036 liner series

Part code	Nominal bore mm	Size inch	Id mm	Od mm	Liner thickness mm	Min bend radius mm	Mass kg m (kg/m)	Configuration
80036 100	100	4	101.6	137	6	914	8.1	Wet-abrasion slurry hose - 80036 liner series
80036 125	125	5	127	162	6	1143	9.9	Wet-abrasion slurry hose - 80036 liner series
80036 150	150	6	152.4	189	6	1372	12.1	Wet-abrasion slurry hose - 80036 liner series
80036 178	178	7	178	215	6	1602	13.9	Wet-abrasion slurry hose - 80036 liner series
80036 200	200	8	203.2	240	6	1829	15.7	Wet-abrasion slurry hose - 80036 liner series
80036 250	250	10	254	287	6	2286	18	Wet-abrasion slurry hose - 80036 liner series
80036 300	300	12	304.8	337	6	2743	21.4	Wet-abrasion slurry hose - 80036 liner series

Wet-abrasion slurry hose - 80036 liner series

Part code	Nominal bore mm	Size inch	Id mm	Od mm	Liner thickness mm	Min bend radius mm	Mass kg m (kg/m)	Configuration
80036 350	350	14	355.6	396	6	3200	29.8	Wet-abrasion slurry hose - 80036 liner series
80036 400	400	16	406.4	453	6	3658	41.3	Wet-abrasion slurry hose - 80036 liner series
80036 450	450	18	457.2	505	6	4115	45.5	Wet-abrasion slurry hose - 80036 liner series
80036 500	500	20	508	556	6	4572	53.3	Wet-abrasion slurry hose - 80036 liner series
80036 600	600	24	609.6	654	6	5486	75.6	Wet-abrasion slurry hose - 80036 liner series

Wet-abrasion slurry hose - 80036 liner series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Wet-abrasion slurry hose - 80036 liner series

Parameter	Specification
Application	Configuration-specific abrasive slurry / material transfer
Tube options	Pre-cured36ShoreA wet-abrasion rubber;6or10mm options
Reinforcement	Polyester cord plus high-tensile wire helix
Cover	NR/SBR abrasion- and UV-resistant rubber
Temperature range c	-20 / 80
Custom bore envelope mm	100 / 1200
Max build length m	20
Flange drilling options	ASME B16.5 / BS4504 / SANS1123 / AS2129 / EN1092
End options	Plain / Cuffed / Fixed/floating flange / D-ring / Grooved / custom as appropriate
Manufacturing mode	Built to specification; ranges are design envelopes, not every-row ratings
Custom build pressure envelope kpa	-90 / 6000

Wet-abrasion slurry hose - 80036 liner series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Abrasive material

Parameter	Specification
Manufacturing mode	Project-engineered hand-built slurry/elephant hose
Verified applications	Mining slurry/abrasives / Agricultural water / Concrete placement
End options	Built-in flanges / Open ends with clamp-on fittings
Design definition	Diameter / Length / Pressure/vacuum / Flange type/drilling / Liner material/thickness
Numeric limits	Defined by approved project specification; no public universal diameter/pressure envelope stated

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

custom hand-built rubber hose manufacturing envelope

Parameter	Specification
Configurations	custom hand-built rubber hose manufacturing envelope - Only the named construction; other codes or constructions require their own specification.

custom hand-built rubber hose manufacturing envelope Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

056 / Slurry & Sand Delivery Hose

Abrasion-led slurry and sand transport.

Slurry

Parameter	Specification
Manufacturing mode	Project-engineered hand-built slurry/elephant hose
Verified applications	Mining slurry/abrasives / Agricultural water / Concrete placement

Slurry

Parameter	Specification
End options	Built-in flanges / Open ends with clamp-on fittings
Design definition	Diameter / Length / Pressure/vacuum / Flange type/drilling / Liner material/thickness
Numeric limits	Defined by approved project specification; no public universal diameter/pressure envelope stated

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Black NBR abrasion-resistant layflat hose

Parameter	Specification
Configurations	Black NBR abrasion-resistant layflat hose / custom hand-built rubber hose manufacturing envelope - Only the named construction; other codes or constructions require their own specification.

Black NBR abrasion-resistant layflat hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

057 / Hand-Built Reducers & Bends

Configured transitions and bends for material-handling systems.

custom hand-built rubber hose manufacturing envelope

configuration	Minimum bore (mm)	Maximum bore (mm)	Minimum slurry liner (mm)	Maximum slurry liner (mm)
BSS custom hand-built rubber hose manufacturing envelope	25	1000	6	24

custom hand-built rubber hose manufacturing envelope Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range.

custom hand-built rubber hose manufacturing envelope - construction & conditions

Parameter	Specification
Service	Custom abrasive-media hose; project-specified design
Numeric limits	Working pressure,vacuum,temperature,bend radius and mass depend on ordered construction
Wall options	Hard-wall suction /soft-wall delivery
Geometry options	Straight hose and conical reducers

custom hand-built rubber hose manufacturing envelope Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range.

Reducers bends

Parameter	Specification
Manufacturing mode	Project-engineered hand-built slurry/elephant hose
Verified applications	Mining slurry/abrasives / Agricultural water / Concrete placement
End options	Built-in flanges / Open ends with clamp-on fittings
Design definition	Diameter / Length / Pressure/vacuum / Flange type/drilling / Liner material/thickness
Numeric limits	Defined by approved project specification; no public universal diameter/pressure envelope stated

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

custom hand-built rubber hose manufacturing envelope

Parameter	Specification
Configurations	custom hand-built rubber hose manufacturing envelope - Only the named construction; other codes or constructions require their own specification.

custom hand-built rubber hose manufacturing envelope Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

058 / Cement & Bulk Handling Hose

Dry bulk and cement handling applications.

EPDM hot-air blower hose, 10 bar series

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
EPDM hot-air blower hose,10bar series	63	78.7	10	30	1.63	30

Heat-resistant hot-air blower hose. This is a hot-air construction for dry-bulk unloading. Its rating does not establish hot-water duty or a direct cement-conveying rating.

EPDM hot-air blower hose, 10 bar series - construction & conditions

Parameter	Specification
Tube	Heat-resistant EPDM
Reinforcement	Synthetic fabric
Cover	Heat/abrasion-resistant synthetic rubber
Temperature range c	-20 / 180
Safety factor	3
Service	Hot air for dry-bulk unloading;not a hot-water or direct cement-conveying rating

Heat-resistant hot-air blower hose. This is a hot-air construction for dry-bulk unloading. Its rating does not establish hot-water duty or a direct cement-conveying rating.

Abrasion-resistant cement delivery hose, table configuration

configuration	Inside diameter (mm)	Outside diameter (mm)	Mass (kg/m)	Roll length (m)
Abrasion-resistant cement delivery hose,table configuration	100	122	3.759	30

Abrasion-resistant cement-delivery hose configuration. Confirm pressure, aggregate compatibility and pulsation duty for the selected assembly. The dimensions shown do not establish an approved working-pressure duty.

Abrasion-resistant cement delivery hose, table configuration - construction & conditions

Parameter	Specification
Tube	Abrasion-resistant synthetic rubber

Abrasion-resistant cement delivery hose, table configuration - construction & conditions

Parameter	Specification
Reinforcement	Synthetic fabric
Cover	Abrasion/weather-resistant synthetic rubber
Temperature range c	-20 / 80
Safety factor	3

Abrasion-resistant cement-delivery hose configuration. Confirm pressure, aggregate compatibility and pulsation duty for the selected assembly. The dimensions shown do not establish an approved working-pressure duty.

EPDM hot-air blower hose, 10 bar series

Parameter	Specification
Configurations	EPDM hot-air blower hose, 10 bar series / Abrasion-resistant cement delivery hose, table configuration - Only the named construction; other codes or constructions require their own specification.

Heat-resistant hot-air blower hose. This is a hot-air construction for dry-bulk unloading. Its rating does not establish hot-water duty or a direct cement-conveying rating. Confirm pressure, aggregate compatibility and pulsation duty for the selected assembly. The dimensions shown do not establish an approved working-pressure duty.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

059 / Sandblast Hose

Abrasive blasting applications with application-matched couplings.

Sand and shotblast rubber hose - configurations

Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Minimum bend radius (mm)	Mass (kg/m)	Standard roll length (m)
32.0	50.0	12.0	36.0	320.0	1.51	30
38.0	60.0	12.0	36.0	400.0	1.53	30

Rubber sand/shotblast hose configurations. The 32 mm and 38 mm configurations have 12 bar working pressure and 36 bar burst pressure. Select abrasive service and electrical continuity requirements for the assembly.

Sand and shotblast rubber hose - configurations - construction & conditions

Parameter	Specification
Tube	Black SBR/NR rubber
Reinforcement	High-tensile synthetic textile
Cover	SBR/NR rubber
Temperature range c	-20 / 80
Application	Sand/shotblast pressure conveyance of abrasive particles
Configuration	Sand/shotblast rubber hose
Temperature min c	-20
Temperature max c	80

Rubber sand/shotblast hose configurations. The 32 mm and 38 mm configurations have 12 bar working pressure and 36 bar burst pressure. Select abrasive service and electrical continuity requirements for the assembly.

Sand and shotblast rubber hose - configurations

Parameter	Specification
Tube	Black SBR/NR rubber
Reinforcement	High-tensile synthetic textile
Cover	SBR/NR rubber
Temperature range c	-20 / 80
Application	Sand/shotblast pressure conveyance of abrasive particles

Rubber sand/shotblast hose configurations. The 32 mm and 38 mm configurations have 12 bar working pressure and 36 bar burst pressure. Select abrasive service and electrical continuity requirements for the assembly.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

060 / Silicone Hose & Elbows

Temperature-led coolant and compatible transfer applications.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

This family is specified to the required application and configuration. The quotation confirms the selected material, dimensions and operating rating; no universal rating is implied for every option.

061 / Ducting & Ventilation Hose

Air movement, dust extraction and ventilation.

Antistatic EVA vacuum hose

configuration	Inside diameter (mm)	Outside diameter (mm)	Mass (kg/m)	Roll length (m)
Antistatic EVA vacuum hose	25	33	0.117	20
Antistatic EVA vacuum hose	32	41	0.133	20
Antistatic EVA vacuum hose	35	43	0.133	20
Antistatic EVA vacuum hose	38	46	0.167	20
Antistatic EVA vacuum hose	50	61	0.25	20

Antistatic EVA vacuum hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Confirm the required electrical-resistance test and application approval for the complete assembly.

Antistatic EVA vacuum hose - construction & conditions

Parameter	Specification
Tube	Antistatic/conductive EVA as described
Cover	Weather-resistant PVC
Temperature range c	-20 / 40
Service	Planter-machine vacuum duty
Electrical test standard	Not stated

Antistatic EVA vacuum hose - construction & conditions

Parameter	Specification
Vacuum rating	Not stated

Antistatic EVA vacuum hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Confirm the required electrical-resistance test and application approval for the complete assembly.

Antistatic EVA vacuum hose

Parameter	Specification
Configurations	Antistatic EVA vacuum hose / PU spiral-reinforced antistatic ducting - Only the named construction; other codes or constructions require their own specification.

Antistatic EVA vacuum hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Confirm the required electrical-resistance test and application approval for the complete assembly. Vacuum is expressed in metres of water, notbar. Select static-dissipation requirements and dust-service suitability for the assembly. Confirm large-bore mass before load calculations.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

062 / PU & Antistatic Ducting

Abrasive extraction and dust-handling applications.

PU spiral-reinforced antistatic ducting

configuration	Inside diameter (mm)	Vacuum head (mH2O)	Mass (kg/m)	Roll length (m)	Mass status
PU spiral-reinforced antistatic ducting	38	3	0.224	10	Confirm
PU spiral-reinforced antistatic ducting	50	2.8	0.37	10	Confirm
PU spiral-reinforced antistatic ducting	63	2.5	0.485	10	Confirm
PU spiral-reinforced antistatic ducting	75	2	0.605	10	Confirm
PU spiral-reinforced antistatic ducting	100	1.5	0.786	10	Confirm
PU spiral-reinforced antistatic ducting	125	1.2	0.96	10	Confirm

PU spiral-reinforced antistatic ducting

configuration	Inside diameter (mm)	Vacuum head (mH2O)	Mass (kg/m)	Roll length (m)	Mass status
PU spiral-reinforced antistatic ducting	140	1	Confirm	10	Quarantined: printed decimal implausible relative to diameter sequence
PU spiral-reinforced antistatic ducting	150	1	Confirm	10	Quarantined: printed decimal implausible relative to diameter sequence
PU spiral-reinforced antistatic ducting	178	0.9	Confirm	10	Quarantined: printed decimal implausible relative to diameter sequence
PU spiral-reinforced antistatic ducting	200	0.9	Confirm	10	Quarantined: printed decimal implausible relative to diameter sequence
PU spiral-reinforced antistatic ducting	250	0.8	Confirm	10	Quarantined: printed decimal implausible relative to diameter sequence
PU spiral-reinforced antistatic ducting	300	0.5	Confirm	10	Quarantined: printed decimal implausible relative to diameter sequence

Spiral-reinforced PU ducting for air, dust and light abrasive extraction. Vacuum is expressed in metres of water, notbar. Select static-dissipation requirements and dust-service suitability for the assembly. Confirm large-bore mass before load calculations.

PU spiral-reinforced antistatic ducting - construction & conditions

Parameter	Specification
Tube	Polyurethane
Reinforcement	Copper-plated steel spiral
Surface	Smooth bore, corrugated exterior
Temperature range c	-30 / 100
Service	Air, dust, fumes, textile fibres, sawdust, wood shavings and light abrasive matter
Electrical test standard	Not supplied

Spiral-reinforced PU ducting for air, dust and light abrasive extraction. Vacuum is expressed in metres of water, notbar. Select static-dissipation requirements and dust-service suitability for the assembly. Confirm large-bore mass before load calculations.

PU spiral-reinforced antistatic ducting

Parameter	Specification
Configurations	PU spiral-reinforced antistatic ducting - Only the named construction; other codes or constructions require their own specification.

Spiral-reinforced PU ducting for air, dust and light abrasive extraction. Vacuum is expressed in metres of water, notbar. Select static-dissipation requirements and dust-service suitability for the assembly. Confirm large-bore mass before load calculations.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

063 / PVC Suction Hose

Water and compatible industrial suction service.

Yellow PVC helix suction/delivery hose

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Yellow PVC helix suction/delivery hose	25	32	8	24	0.35	30
Yellow PVC helix suction/delivery hose	32	41	7	21	0.44	30
Yellow PVC helix suction/delivery hose	38	47	6	18	0.51	30
Yellow PVC helix suction/delivery hose	50	58	5	15	0.76	30
Yellow PVC helix suction/delivery hose	75	91	4	12	1.33	30
Yellow PVC helix suction/delivery hose	100	120	3	12	2.19	30
Yellow PVC helix suction/delivery hose	150	170	2	10	2.89	30

Yellow PVC helix suction/delivery hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Yellow PVC helix suction/delivery hose - construction & conditions

Parameter	Specification
Tube	Transparent plasticised PVC
Reinforcement	Polypropylene helix

Yellow PVC helix suction/delivery hose - construction & conditions

Parameter	Specification
Cover	Corrugated
Temperature range c	-20 / 60
Vacuum rating	Not supplied

Yellow PVC helix suction/delivery hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Green heavy-duty PVC helix suction/delivery hose

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Green heavy-duty PVC helix suction/delivery hose	50	62	6	18	1.177	30
Green heavy-duty PVC helix suction/delivery hose	75	87	5	15	2.053	30
Green heavy-duty PVC helix suction/delivery hose	100	116	4	12	3.331	30
Green heavy-duty PVC helix suction/delivery hose	150	170	2	6	6.866	30

Green heavy-duty PVC helix suction/delivery hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Green heavy-duty PVC helix suction/delivery hose - construction & conditions

Parameter	Specification
Tube	Transparent plasticised PVC
Reinforcement	Polypropylene helix
Cover	Corrugated
Temperature range c	-5 / 60
Vacuum rating	Not supplied

Green heavy-duty PVC helix suction/delivery hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Yellow PVC helix suction/delivery hose

Parameter	Specification
Configurations	Yellow PVC helix suction/delivery hose / Green heavy-duty PVC helix suction/delivery hose / Non-toxic steel-wire-reinforced PVC liquid-transfer hose - Only the named construction; other codes or constructions require their own specification.

Yellow PVC helix suction/delivery hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Check the exact food/chemical medium and cleaning conditions for the selected assembly. Food-contact suitability requires the relevant current documentation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

064 / Agricultural & Spray Hose

Irrigation, spraying and agricultural transfer applications.

Double-textile-ply PVC agricultural spray hose

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
Double-textile-ply PVC agricultural spray hose	12.5	20	45	135	0.243	100

Double-textile-ply PVC agricultural spray hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Double-textile-ply PVC agricultural spray hose - construction & conditions

Parameter	Specification
Tube	PVC
Reinforcement	Double-ply woven polyester yarn
Cover	UV-resistant PVC
Temperature range c	-5 / 65
Safety factor	3
Service	Agricultural chemical spraying; exact formulation compatibility required

Double-textile-ply PVC agricultural spray hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

PVC dragline agricultural watering hose

configuration	Inside diameter (mm)	Outside diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Mass (kg/m)	Roll length (m)
PVC dragline agricultural watering hose	12	19	10	40	0.196	30 / 50 / 100
PVC dragline agricultural watering hose	20	24	10	40	0.283	30 / 50 / 100
PVC dragline agricultural watering hose	25	33	10	40	0.645	30 / 50 / 100

PVC dragline agricultural watering hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

PVC dragline agricultural watering hose - construction & conditions

Parameter	Specification
Tube	Black PVC
Reinforcement	Polyester yarn
Cover	Black PVC
Temperature range c	0 / 60
Safety factor	4

PVC dragline agricultural watering hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly.

Double-textile-ply PVC agricultural spray hose

Parameter	Specification
Configurations	Double-textile-ply PVC agricultural spray hose / Blue PVC layflat hose, 4 bar series / Blue PVC layflat hose, 7 bar series / Red PVC layflat hose, medium-duty series / Black NBR abrasion-resistant layflat hose / Antistatic EVA vacuum hose / PVC dragline agricultural watering hose - Only the named construction; other codes or constructions require their own specification.

Double-textile-ply PVC agricultural spray hose Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Confirm the required electrical-resistance test and application approval for the complete assembly.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

065 / LPG & Natural Gas Transfer Hose

Gas-service hose configurations selected for the exact gas, duty and required approval.

Ordering references: H7008.008L

Orange LPG gas hose -H7008.008L

Part code	Configuration	Nominal bore mm	Id mm	Od mm	Wall thickness mm	Burst pressure bar	Mass kg m (kg/m)
H7008.008L	OrangeLPG gas hose -H7008.008L	8	7.9	11.3	1.7	52.0	0.174

H7008.008L orange LPG gas hose. Dimensions and 52 bar burst pressure apply only to the H7008.008L LPG construction. Burst pressure is not working pressure. Confirm working pressure, temperature, end fittings and approval for the selected gas duty. Natural-gas suitability is not established by this LPG row.

Orange LPG gas hose -H7008.008L

Parameter	Specification
Application	LPG gas transfer
Identification	Orange hose
Exact series	H7008.008L

H7008.008L orange LPG gas hose. Dimensions and 52 bar burst pressure apply only to the H7008.008L LPG construction. Burst pressure is not working pressure. Confirm working pressure, temperature, end fittings and approval for the selected gas duty. Natural-gas suitability is not established by this LPG row.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements