

INDUSTRIAL & SPECIALIST HOSE

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
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

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 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

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Abrasive material

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

Abrasive material

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.

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

Request a quotation

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

Ratings apply only to the specified product and configuration. Confirm fluid compatibility, temperature, pressure transients, installation and complete assembly suitability. Ordering references do not establish interchangeability.