

INDUSTRIAL & SPECIALIST HOSE

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

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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
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

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.