



BEHRINGER

Pure gas devices

Flex stainless steel

Product description



Flexible High Pressure connection consisting of a parallel spiral metal hose made of AISI 316 stainless steel with a double AISI 304 stainless steel reinforcement braid and an anti-kink cable, used to connect tanks to manifolds. The inlet and outlet connections are gas specific. The incoming connection is specific to the gas used while the outlet connection G1/4" F R has a conical sealing nut.

Normatives

UNI EN ISO 9001:2008

Components

AISI 316 stainless steel parallel spiral flexible metal hose Double AISI 304 stainless steel reinforcement braid.

Reinforcement braid.

O-ring seal according to gas type: SILICONE, NYLON, NBR.

Product codes

GAS	CONNECTION	CODE
OXYGEN, CARBON DIOXIDE, HELIUM, ARGON	G1/4" F R - G3/4" 'A' DIN with anti-kink cable	HSG001D
OXYGEN	G1/4" F R - SI22,91x1,814 'B' F with anti-kink cable	HSG001F
OXYGEN, AIR	G1/4" F R - G5/8" 'B' DIN with anti-kink cable	HSG002D
AIR	G1/4" F R - SI30x1,75 'A' F with anti-kink cable	HSG002F
OXYGEN, AIR, ARGON, HELIUM, NITROGEN	G1/4" F R - G5/8" 'B' BS with anti-kink cable	HSG002UK
NITROUS OXIDE	G1/4" F R - SI26x1,5 'B' F with anti-kink cable	HSG003F
NITROUS OXIDE	G1/4" F R - W11/16"x1/20" 'A' BS with anti-kink cable	HSG003UK
CARBON DIOXIDE	G1/4" F R - W0,860"x1/14" 'A' BS with anti-kink cable	HSG004UK
NITROGEN, HELIUM, ARGON	G1/4" F R - W24,32x1/14" 'B' DIN with anti-kink cable	HSG005D
OXYGEN, CARBON DIOXIDE, NITROGEN, AIR, NITROGEN OXIDE, HELIUM, ARGON	G1/4" F R - W21,80x1/14" 'A' DIN with anti-kink cable	HSG006D
CARBON DIOXIDE, ARGON, HELIUM, NITROGEN	G1/4" F R - SI21,7x1,814 'A' F with anti-kink cable	HSG006F
HYDROGEN, METHANE, PROPANE	G1/4" F R - W21,80x1/14 LH 'A' DIN with anti-kink cable	HSG008D
HYDROGEN, METHANE, PROPANE, ACETYLENE	G1/4" F R - G5/8" LH 'B' F with anti-kink cable	HSG008F

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Product codes

GAS	CONNECTION	CODE
HYDROGEN, METHANE, PROPANE, ACETYLENE	G1/4" F R - G5/8" LH 'B' BS with anti-kink cable	HSG008UK
ACETYLENE	G1/4" F R - G3/8" LH 'A' DIN with anti-kink cable	HSG0010D
ACETYLENE	G1/4" F R - SI22,91x1,814 LH 'B' F with anti-kink cable	HSG010F

Technical data

CODE	GAS	INLET - OUTLET CONNECTION	LENGTH	Ø INSIDE	Ø OUTSIDE	P max.	P blast	BENDING RADIUS	WEIGHT
HSG001D	OXYGEN, CARBON DIOXIDE, HELIUM, ARGON	G1/4" F R - G3/4" 'A' DIN with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG001F	OXYGEN	G1/4" F R - SI22,91x1,814 'B' F with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG002D	OXYGEN, AIR	G1/4" F R - G5/8" 'B' DIN with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG002F	AIR	G1/4" F R - SI30x1,75 'A' F with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG002UK	OXYGEN, AIR, ARGON, HELIUM, NITROGEN	G1/4" F R - G5/8" 'B' BS with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG003F	NITROUS OXIDE	G1/4" F R - SI26x1,5 'B' F with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG003UK	NITROUS OXIDE	G1/4" F R - W11/16"x1/20" 'A' BS with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG004UK	CARBON DIOXIDE	G1/4" F R - W0,86"x1/14" 'A' BS with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG005D	NITROGEN, HELIUM, ARGON	G1/4" F R - W24,32x1/14" 'B' DIN with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG006D	OXYGEN, CARBON DIOXIDE, NITROGEN, AIR, NITROUS OXIDE, HELIUM, ARGON	G1/4" F R - W21,80x1/14" 'A' DIN with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG006F	CARBON DIOXIDE, ARGON, HELIUM, NITROGEN	G1/4" F R - SI21,7x1,814 'A' F with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG008D	HYDROGEN, METHANE, PROPANE	G1/4" F R - W21,80x1/14 LH 'A' DIN with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG008F	HYDROGEN, METHANE, PROPANE, ACETYLENE	G1/4" F R - G5/8" LH 'B' F with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG008UK	HYDROGEN, METHANE, PROPANE, ACETYLENE	G1/4" F R - G5/8" LH 'B' BS with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG0010D	ACETYLENE	G1/4" F R - G3/8" LH 'A' DIN with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg
HSG010F	ACETYLENE	G1/4" F R - SI22,91x1,814 LH 'B' F with anti-kink cable	1 m	6,5 mm	11,5 mm	365 bar	1100 bar	35 mm	1,3 kg

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