

HIGH PERFORMANCE HIGH PRESSURE GAS HOSE

101-02



CONSTRUCTION:

- Inner tube : Polyester Elastomer (PE-E)
- Reinforcement: high tensile **stainless steel** wire
- Cover : Polyurethane

APPLICATION

- High pressure Liquid and Gas transfer

TEMPERATURE RANGE

- -40°C to 98°C, -40°F to 208°F

PROPERTIES

- Excellent flexibility and flex-fatigue
- Extremely abrasion resistance
- Static free, 100% conductive
- Low volumetric expansion
- Low diffusion rate and low flow resistance
- Cover is UV and Ozone resistant
- Suitable for Nitrogen, Dissolved Acetylene and Hydrogen
- Suitable for reusable couplings

TECHNICAL SPECIFICATIONS : EXITFLEX TYPE **ES 1.3**- ONE WIRE BRAID

HOSE TYPE	ES 1.3	
NOMINAL BORE METRIC	4	
HOSE I.D. INCH	3/16"	
HOSE I.D. MILLIMETER	4,8	
HOSE O.D. MILLIMETER	9,4	
MAX.OPERATING PRESSURE	In Bar	200
	In PSI	2'960
MINIMUM BURST PRESSURE @ 20°C	In Bar	1'000
	In PSI	14'800
MINIMUM BEND RADIUS IN MILLIMETER	35	
NOMINAL WEIGHT in GRAMS PER METER	115	

TECHNICAL SPECIFICATIONS : EXITFLEX TYPE **ES 2.X** – TWO WIRE BRAID

HOSE TYPE	ES 2.4		ES 2.8
NOMINAL BORE METRIC	6		12
HOSE I.D. INCH	1/4"		1/2"
HOSE I.D. MILLIMETER	6,4		12,7
HOSE O.D. MILLIMETER	13,8		21,5
MAX.OPERATING PRESSURE	In Bar	330	255
	In PSI	4'800	3'700
MINIMUM BURST PRESSURE @ 20°C	In Bar	1'325	1'020
	In PSI	19'200	13'525
MINIMUM BEND RADIUS IN MILLIMETER	50		85
NOMINAL WEIGHT in GRAMS PER METER	260		560

UPON SPECIAL REQUEST

- STAINLESS STEEL COUPLINGS
- MICRO-PERFORATED COVER ;
- STANDARD COLOR black
- BULK HOSE : is available on non returnable reel

NOTE: BP is 8-12% less than indicated !

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