

HIGH PRESSURE HYDRAULIC HOSE

DATA SHEET



CONSTRUCTION:

- Inner tube : Polyester Elastomer (PE-E)
- Reinforcement: high tensile brass plated carbon steel wire
- Cover : Polyurethane

APPLICATION

- High pressure water-jetting
- High pressure hydraulic
- High pressure liquid and Gas transfer

TEMPERATURE RANGE

- -40°C to 98°C, -40°F to 208°F

PROPERTIES

- Excellent flexibility and flex-fatigue
- Extreme abrasion resistance
- Static free, 100% conductive
- Low volumetric expansion
- Low diffusion rate and low flow resistance
- UV and Ozone resistant
- Suitable for all mineral based hydraulic oils
- Suitable for reusable couplings
- Exceeds SAE 100 R1, R2 and DIN requirements.
- Suitable for waterbased hydraulics up to 70°C

TECHNICAL SPECIFICATIONS : EXITFLEX TYPE **EX1.X** – ONE WIRE BRAID

HOSE TYPE		EX 1.2	EX 1.3	EX 1.4	EX 1.5	EX 1.6	EX 1.8
NOMINAL BORE METRIC		3	4	6	8	10	12
HOSE I.D. INCH		1/8"	3/16"	1/4"	5/16"	3/8"	1/2"
HOSE I.D. MILLIMETER		3,2	4,8	6,4	8,0	9,6	12,7
HOSE O.D. MILLIMETER		6,9	9,3	11,7	13,9	15,3	18,5
MAX.OPERATING PRESSURE	In Bar	350	350	325	275	250	200
	In PSI	5'100	5'100	4'700	4'000	3'600	2'900
MINIMUM BURST PRESSURE @20°C	In Bar	1'400	1'400	1'300	1'100	1'000	800
	In PSI	20'400	20'400	18'800	16'000	14'400	11'600
MINIMUM BEND RADIUS IN MILLIMETER		25	35	45	50	60	70
NOMINAL WEIGHT in GRAMS PER METER		60	105	165	205	230	310

TECHNICAL SPECIFICATIONS : EXITFLEX TYPE **EX2.X** – TWO WIRE BRAID

HOSE TYPE		EX 2.4	EX 2.5	EX 2.6	EX 2.8	EX 2.12
NOMINAL BORE METRIC		6	8	10	12	20
HOSE I.D. INCH		1/4"	5/16"	3/8"	1/2"	3/4"
HOSE I.D. MILLIMETER		6,4	8,0	9,6	12,7	19,0
HOSE O.D. MILLIMETER		13,9	15,5	17,5	21,5	30
MAX.OPERATING PRESSURE	In Bar	450	425	425	325	235
	In PSI	6'500	6'150	6'150	4'700	3'400
MINIMUM BURST PRESSURE @ 20°C	In Bar	1'800	1'700	1'700	1'300	940
	In PSI	26'000	24'600	24'600	18'800	13'600
MINIMUM BEND RADIUS IN MILLIMETER		50	60	70	85	110
NOMINAL WEIGHT in GRAMS PER METER		260	320	420	560	900

Note: UPON SPECIAL REQUEST

- HOSE ASSEMBLIES are all fitted with bi-chromated steel couplings swaged permanently to the hose
- STAINLESS STEEL COUPLINGS available on request
- STANDARD COLOR is black or blue, others available in large quantities at customers request.
- BULK HOSE : is available on non returnable reel

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