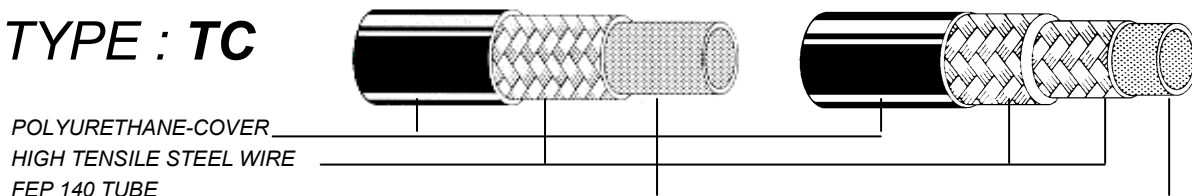


HIGH PRESSURE "MULTI-PURPOSE" HOSE

152-02

TYPE : TC



POLYURETHANE-COVER

HIGH TENSILE STEEL WIRE

FEP 140 TUBE

Hose inner core of Extruded Teflon® FEP 140 resistant to chemical and solvents. Approved for foodstuff and beverages. Cover made of polyurethane for excellent flex-fatigue and abrasion resistance. Manufactured to meet special requirement and specifications. Hose can be produced with stainless steel braiding for use in adverse environment.

CONSTRUCTION

- **Inner tube:** FEP 140 extruded
- **Reinforcement:** One or two ply of high tensile brass plated steel wire
- **Cover:** Polyurethane

APPLICATION

- High Pressure fluid and gas transfer
- 2K & plural component foam
- Food and Acid transfer

TEMPERATURE RANGE

- -40°C to 95°C -40°F to 210°F

PROPERTIES

- Safety thermoplastic hose to work at high pressures
- Excellent resistance to solvents and chemicals
- Extremely low gas diffusion and moisture resistance
- Excellent flexibility.
- Abrasion & ozone resistant cover
- 100% electrical conductivity.
- Small bend radius
- Excellent volumetric expansion capability
- Very low flow resistance
- Complies to ISO, DIN & SAE standards

TECHNICAL SPECIFICATIONS: EXITFLEX TYPE TC SINGLE & DOUBLE STEEL BRAID

HOSE TYPE		1.2	1.3	1.4	1.6	1.8	2.4	2.6	2.8	2.12
NOMINAL BORE METRIC		3	4	6	10	12	6	10	12	20
HOSE I.D. INCH		1/8"	3/16"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"	3/4"
HOSE O.D. MILLIMETRE		6.9	9,3	11,7	15,3	18,5	13,9	17,5	21,5	30,0
MAXIMUM WP PRESSURE	Bar	350	350	325	250	200	450	400	325	275
	PSI	5075	5075	4700	3600	2900	6525	5800	4700	3'980
MINIMUM BURST PRESSURE	Bar	1400	1400	1300	1000	800	1800	1600	1300	1'100
	PSI	20300	20300	18800	14500	11600	26100	23200	18800	15'950
MINIMUM BEND RADIUS IN mm		80	120	180	260	350				450
NOMINAL WEIGHT Gr/m		85	125	190	270	340	320	480	580	1000

Note: UPON SPECIAL REQUEST

- HOSE ASSEMBLIES are all fitted with white zinc finished steel couplings.
couplings swaged permanently to the hose
- **Stainless steel** version also available (wetted parts only)
- COLOUR : standard cover colour black, others available in large quantities at request
- **STAINLESS STEEL** braiding available, **WP less 50 bar!!**

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