

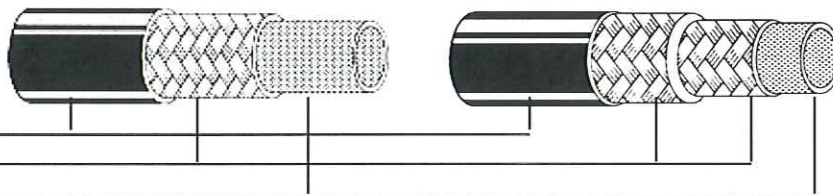


## HIGH PRESSURE "MULTI-PURPOSE" HOSE

### 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 dyn. Bar	350	350	325	250	200	450	400	325	275
MAXIMUM WP PRESSURE stat. Bar	460	460	430	330	265	600	530	430	365
	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.
- COLOUR : standard cover colour black, others available in large quantities at request
- couplings swaged permanently to the hose
- STAINLESS STEEL braiding available, WP less 50 bar!!
- Stainless steel version also available (wetted parts only)

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