

Transchem Composite Hose

Description

Composite hose made from polypropylene fabrics and films with an abrasion resistant PVC coated fabric cover, reinforced with internal and external wire helixes.

Principal Applications

Transchem is suitable for the transfer of acids and alkalines.

Transchem-S has the added suitability for applications involving corrosive atmospheres and splash.

Note: Electrical continuity can be maintained for this hose by baring the inner wire (ie removing the polypropylene coating) near the fitting to allow positive connection of the wire to the fitting. This process however may introduce a potential corrosion path to the inner wire so care needs to be taken.

Colour Code

Grey outer cover with red or marked white stripe.



Wires

Transchem	- (Inner) Polypropylene coated steel wire	- (Outer) Galvanised zinc coated mild steel
Transchem-S	- (Inner) Polypropylene coated steel wire	- (Outer) SS316

Standards

Manufactured to the specifications where applicable of EN 13765 Type 2.

Temperature

Depending on the conveyant -30°C to +80°C.

Supply Lengths - standard

25 - 100mm - 20 metres

Product Code

TC_ _ _	Transchem
TCS_ _ _	Transchem-S

Specifications

Nominal bore (mm)	Outside Dia (mm)	Bend Radius (mm)	Pressure Nominal (psi)	Pressure Nominal (bars)	Weight / Metre (kg)
25	38	90	150	10	1.30
38	52	125	150	10	1.60
50	64	160	150	10	1.80
65	80	180	150	10	2.60
75	92	220	150	10	3.00
100	120	350	150	10	5.40

Safety factor of 4:1

NOTE: This information is for guidance only, dimensions and weights shown are approximate.
We reserve the right to alter or amend specifications as deemed necessary.