

TRELLFLEX CHEM TEFLON-PTFE COMPOSITE HOSE 14/10

HOSES › PIPES suitable for ATEX environment

MULTIPURPOSE flexible hose for suction and delivery of highly corrosive **LIQUID** chemical products.

Reference standard: BS 5842 on request produced according to EN 13765 and TMD STANDARDS.



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ADVANTAGES:

of exceptional flexibility and ease of handling, use in environments subject to **ATEX** regulations thanks to the electrical conductivity ensured by the two steel coils. USES: Suction and discharge of petroleum products and derivatives with an aromatic content of up to 100% for the transfer of flammable liquids in road, railway, industrial tanker and depot systems. Ideal for its lightness, easy handling and flexibility in manual use. Wherever chemical resistance is needed even on the surface of the pipe.

STRUCTURE:

composed of layers of **PTFE** films compressed between two AISI304 stainless steel spirals (on request, AISI316 stainless steel spiral or with polypropylene coating). External covering is in RED PVC-coated polyester canvas, wavy appearance with visible metal spiral.

Maximum suction 0.9 bar (approximately empty).

Operating temperature: -40° +115° C.

Maximum working pressure 14 bar/burst 56 bar (on request also in the version with maximum working pressure 10 bar/burst 40 bar).

Supplied exclusively in lengths for use with fittings assembled in: aluminium, brass, polypropylene, stainless steel.

Possibility of having fitted fittings such as: male, female, Cam-lock, Guillemin, Rapid, fixed/revolving flanges ISO PN10/16, ASA 150.

| Dimension | radius | Weight | Length maximum |
|-----------|--------|--------|----------------|
|-----------|--------|--------|----------------|

| OR mm | of curvature mm | kg/m | of production m |
|----------|--------------------|---------|--------------------|
| 25x37 | 100 | 0.84 | 30 |
| 32x43 | 120 | 1.03 | 30 |
| 40x52 | 140 | 1.26 | 30 |
| 50x62 | 180 | 1.55 | 30 |
| 65x78.5 | 200 | 2.51 | 30 |
| 80x95 | 280 | 2.88 | 30 |
| 100x121 | 400 | 4.70 | 20 |
| 125x149 | 450 | 8.16 | 15 |
| 150x180 | 500 | 10.80 | 20 |
| 200x234 | 740 | 5.60pm | 20 |
| 250x297 | 920 | 10.50pm | 12 |