

GENERAL SPECIFICATIONS:

Extruded inner core made of natural PTFE certified in accordance with RoHS Directive and U.S. Federal Food and Drug Administration's (FDA) Regulation 21 CFR 177.1550. Outer reinforcement: one AISI 304L wire braid with high tensile strength. External jacket in black wrapped CR (Chloroprene Rubber).



INTERNAL DIAMETER		WALL THICKNESS	OUTER DIAMETER	MINIMUM BEND RADIUS	MAXIMUM WP	MINIMUM BP
DN	mm	mm	mm	mm	bar at 23°C	bar at 23°C
10	9.50	0.70	15.50	65	100	400
13	12.7	0.70	18.50	90	80	320

Maximum Working Pressures calculated using a Safety Factor of 4 | To guarantee quality and reliability of our products, all PTFE inner cores are tested under pressure.

OPTIONS:

Customized inner core construction (sizes, thickness). Inner core made of black antistatic PTFE when electrically resistive fluids are transferred at high flow rates. Hoses with inner cores made of other fluoroplastics (e.g. FEP, PFA). Other braid feasibility in AISI 316. Branding feasibility on the black wrapped CR jacket.

APPLICATIONS:

Any application focused on the transfer of fluids and gases under critical usage conditions and in severe environments: specially paints fuels, hydraulic oils and food. CR cover is fireproof and it fulfils the ISO 7840 A1 requirements.

TEMPERATURES RANGES:

PTFE: -70°C / +260°C

CR: -40 °C / +110 °C

Values and coefficients contained in this sheet are for information only and shall in no event be held to constitute or imply any warranty, undertaking, express or implied commitment. No liability whatsoever can be accepted by ITG SRL with respect to difference to the values reported in the tables or misuse by the Customer of the product.