

### 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 braid in Technora® fiber (non conductive para-aramid fiber).



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	13.40	60	135	540
13	12.7	0.70	16.70	90	120	480

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.

### APPLICATIONS:

Chemical, foodstuffs, steam, gases, detergents, refrigerants and any application focused on the transfer of fluids and gases under critical usage conditions and in severe environments.

### TEMPERATURES RANGES:

PTFE: -70°C / +260°C

TECHNORA® FIBER: At +250°C maintains more than half of its room-temperature tensile strength. It has a long term dimensional stability and excellent resistance to corrosion.

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