



GENERAL SPECIFICATIONS

Extruded inner core made of natural or black antistatic PTFE.

Outer reinforcement: one AISI 304L wire braid with high tensile strength.

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

OPTIONS

| Customized sizes.

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



All our hoses are developed first for static application. **Maximum WP (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.

TEMPERATURE SERVICE

- 70°C + 260°C (PTFE)

- 200°C + 250°C (TECHNORA® FIBER)

(at these temperatures maintains more than half of its room-temperature tensile strength. It has a long-term dimensional stability and excellent resistance to corrosion)

PTFE WORKING TEMPERATURE	PRESSURE DE-RATING %
Up to 130 °C	100%
150°C	85%
180°C	65%
200°C	50%
220°C	30%
260°C	10%

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.



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