



GENERAL SPECIFICATIONS

Extruded inner core made of natural PFA.

Outer reinforcement: one aramidic gold fiber braid, one PTFE tape cover, one AISI 304L wire braid with high tensile strength.

External Jacket in black Hytrel.

OPTIONS

| Branding feasibility on the hytrel jacket.

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
6	6.4	1.25	14.2	35.0	500	2000
10	10.0	1.25	18.0	70.0	415	1660
13	12.7	1.25	21.0	85.0	340	1360



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

- 60°C + 260°C (PFA)
- 50°C + 200°C (ARAMIDIC FIBER)
- 60°C + 260°C (PTFE TAPE)
- 20°C + 100°C (HYTREL)

PFA 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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