

PA 12 ANTISTATIC

Antistatic PA 12 hose triple layer tube for low pressure. Suitable for use in Group 2 ATEX environments, 2/3 G&D category, installation zones 1, 21, 2, 22.

FEATURES

Flexible triple layer tube for low plasticized pressure, stabilized in light and heat. Its **multilayer structure** consists of an **inner and outer layer of dissipative** (antistatic) **Polyamide 12 PHL** with **surface electrical resistivity** $<10^6$ Ohm according to ISO 8031:2009(E) and an intermediate layer of polyamide 12 PHL with **excellent gas barrier properties**. Suitable for use in **ATEX** environment, group 2, 2/3 G&D category, installation zones 1, 21, 2, 22. Electrically conductive outer and inner layers are able to dissipate the accumulation of electrostatic charges by avoiding the formation of sparks that can trigger explosions in potentially explosive environments. The middle layer gives barrier properties to **reduce the particle permeation** of the transported fluid.

SECTORS

INDUSTRIAL

APPLICATIONS

INDUSTRIAL AUTOMATION

VACUUM

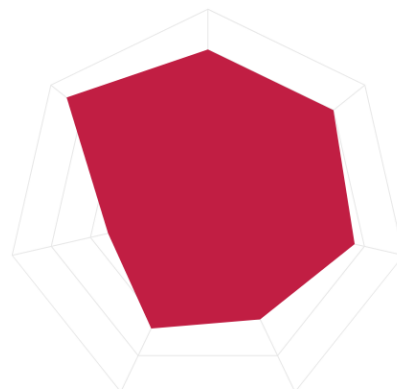
MACHINE TOOLS

ROBOTICS

POWDERS PAINTS

ELECTRICAL RESISTANCE

ATEX



Products

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
12RA2.5X4	2.5 mm	4 mm	0.75 mm	20 mm	24 BAR	N
12RA4X6	4 mm	6 mm	1 mm	30 mm	21 BAR	N
12RA6X8	6 mm	8 mm	1 mm	55 mm	15 BAR	N
12RA8X10	8 mm	10 mm	1 mm	85 mm	11 BAR	N
12RA10X12	10 mm	12 mm	1 mm	120 mm	9 BAR	N
12RA12X14	12 mm	14 mm	1 mm	170 mm	8 BAR	N
12RA12.5X15	12.5 mm	15 mm	1.25 mm	150 mm	9 BAR	N

PRESSURE/TEMPERATURE

Operating temperature: from -30°C to 80°C

Safety factor on working pressure: 3:1

Here on the side: Graph of pressure drop expressed as a % in relation to temperature

