

PA 12 ETHER-HF AIR MB-LONGLIFE®

Linear hose in PA 12 ETHER-HF AIR. Three-layer structure resulting from a combination of research and technology. The best solution for industrial applications.

FEATURES

Flexible triple layer tube designed for pneumatic applications, very **resistant to low temperature shocks**. Its multilayer structure consists of two layers of polyamide stabilized in light and heat and an intermediate layer of special polyurethane with modified ether base to bind chemically without the use of additional adhesives or binders. The outer layers give the tube a **high chemical resistance, hydrolysis and microbial attachment**, while the intermediate polyurethane layer improves its **flexibility and resistance to low temperatures**. The **PA 12 ETHER-HF AIR** automatically enters the **MB-LONGLIFE®** series of products, which collects the best and most versatile products for industrial applications.

SECTORS

INDUSTRIAL

APPLICATIONS

INDUSTRIAL AUTOMATION

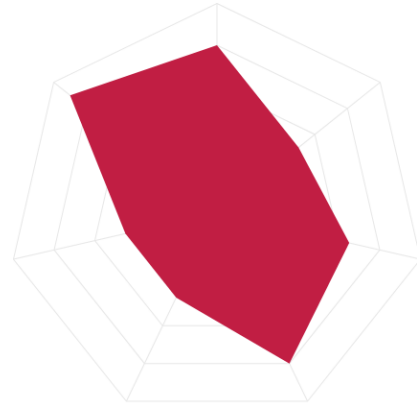
VACUUM

MACHINE TOOLS

ROBOTICS

HYDROLYSIS RESISTANCE

UV RESISTANCE



Products

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
PA12EHF2X4	2 mm	4 mm	1 mm	15 mm	35 BAR	N A R T B
PA12EHF2.5X4	2.5 mm	4 mm	0.75 mm	15 mm	24 BAR	N A T
PA12EHF4X6	4 mm	6 mm	1 mm	30 mm	21 BAR	N A R G T V B
PA12EHF6X8	6 mm	8 mm	1 mm	50 mm	15 BAR	N A AS R G T V B
PA12EHF7X9.52	7 mm	9.52 mm	1.26 mm	55 mm	16 BAR	N T
PA12EHF7.5X10	7.5 mm	10 mm	1.25 mm	60 mm	15 BAR	N A T
PA12EHF8X10	8 mm	10 mm	1 mm	80 mm	11 BAR	N A R T B
PA12EHF9X12	9 mm	12 mm	1.5 mm	75 mm	15 BAR	N A T
PA12EHF10X12	10 mm	12 mm	1 mm	115 mm	9 BAR	N A T V B
PA12EHF11X14	11 mm	14 mm	1.5 mm	100 mm	12 BAR	N T B
PA12EHF12X14	12 mm	14 mm	1 mm	155 mm	8 BAR	A T
PA12EHF12X15	12 mm	15 mm	1.5 mm	115 mm	11 BAR	N A T
PA12EHF12.5X15	12.5 mm	15 mm	1.25 mm	140 mm	9 BAR	N T
PA12EHF13X16	13 mm	16 mm	1.5 mm	130 mm	11 BAR	T B

PRESSURE/TEMPERATURE

Operating temperature: from -40°C to 70°C

Safety factor on working pressure: 3:1

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

