

## 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

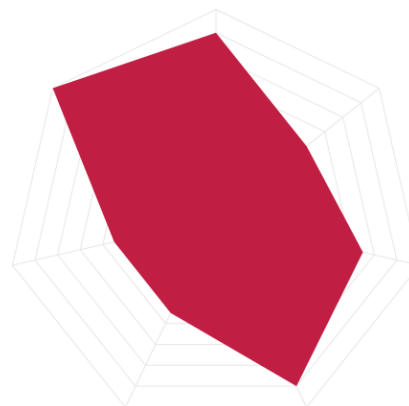
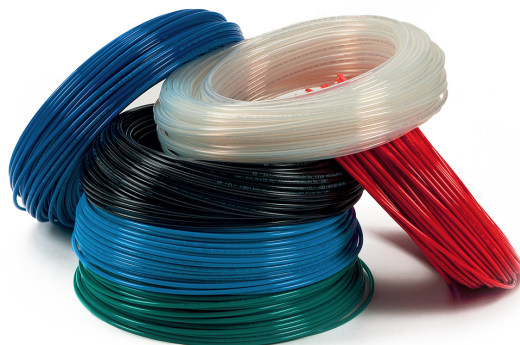
VACUUM

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*

