



POLYURETHANE AND POLYAMIDE TUBES

- Construction: Polyester Polyurethane or Polyamide PA12
- Supplying of air to cylinders and automated systems
- Flexible and long lasting
- Excellent memory: returns to original shape
- Pressure and temperature resistant
- Impact resistant
- Resistant to hydrolysis and chemicals



	POLYURETHANE PU TUBE																				
Material	Polyurethane Ester base																				
Features	Flexible and long lasting Compatible with oils/greases Abrasion resistance Heat Stability																				
Service pressure at 20°C	<table border="1"> <thead> <tr> <th>Ø ext.</th> <th>Bar</th> </tr> </thead> <tbody> <tr><td>3 mm</td><td>14 Bar</td></tr> <tr><td>4 mm</td><td>10 Bar</td></tr> <tr><td>5 mm</td><td>11 Bar</td></tr> <tr><td>6 mm</td><td>9 Bar</td></tr> <tr><td>8 mm</td><td>8,5 Bar</td></tr> <tr><td>10 mm</td><td>8,5 Bar</td></tr> <tr><td>12 mm</td><td>9 Bar</td></tr> <tr><td>14 mm</td><td>9 Bar</td></tr> <tr><td>16 mm</td><td>9 Bar</td></tr> </tbody> </table>	Ø ext.	Bar	3 mm	14 Bar	4 mm	10 Bar	5 mm	11 Bar	6 mm	9 Bar	8 mm	8,5 Bar	10 mm	8,5 Bar	12 mm	9 Bar	14 mm	9 Bar	16 mm	9 Bar
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Temperature	- 20°C to + 70°C																				
Bend radius	In accordance with NF standard																				
Standard	NF : E 49-101																				
Outlet diameter	3, 4, 5, 6, 8, 10, 12, 14, 16 mm																				
Colours	Blue, Grey, Clear, Yellow, Black, Red, Green																				
Hardness	52 Shore D																				
Tensile strength	40 MPa																				
Breaking extension	470 %																				
Tensile stress at 100% deformation	16 MPa																				
Tear resistance	120 N/mm																				
Abrasion	35 mm ³																				
Fire resistance	HB UL 94																				
Packaging	25 metres dispenser boxes 100 metres reels																				
Tracking	Every 50 cm																				
Marking (Material, Ø, pressure)	Every 50 cm																				

	POLYAMIDE PA TUBE																				
Material	PA 12 Polyamide																				
Features	Excellent memory, returns to original shape. Resistant to hydrolysis and chemicals																				
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16 mm	14 Bar																				
Temperature	- 40°C to + 100°C																				
Bend radius	In accordance with NF standard																				
Standard	NF : E 49-100																				
Outlet diameter	3, 4, 5, 6, 8, 10, 12, 14, 16 mm																				
Colours	Blue, Grey, Clear, Yellow, Black, Red, Green																				
Hardness	63 Shore D																				
Tensile strength	50 MPa																				
Breaking extension	300 %																				
Threshold extension	25 %																				
Threshold tensile stress	24 MPa																				
Fire resistance	HB UL 94																				
Vicat point under 1 daN	160°C																				
Bowing temperature under load under 0,46 MPa	125°C																				
Packaging	25 metres dispenser boxes 100 metres reels																				
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