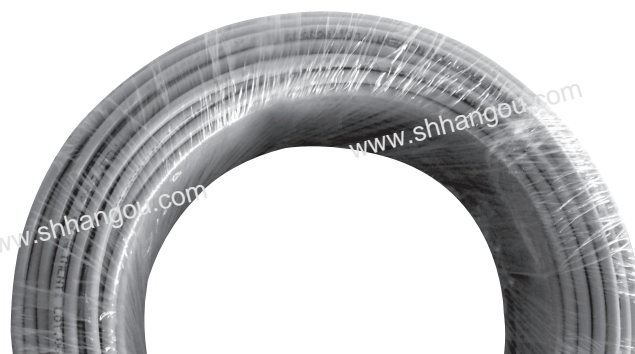


DESCRIPTION

Polyamide tubes type T-PA12 are for technical applications due to their characteristics of flexibility and mechanical performances. These tubes show high mechanical properties to traction and to continuous & alternate flexion, notable flexibility, good stability to heat, remarkable resistance to aging, low water absorption, remarkable resistance to hydrocarbons and oils and good inertness to chemical agents. This kind of material is particularly indicated for the accomplishment of tubing for pneumatics, robotics, steel, industrial machinery, etc., when there is the necessity to remarkable flexibility.

TECHNICAL DATA

Working temperature	-40 ÷ +70°C
Hardness	65 ShD
Density	1.03 g/cm ³
Elongation at break	> 300 %
Resistenza a strappo	130 N/mm
Flexural modulus	410 MPa



MATERIALS

Tube	Polyamide (PA12)
Standard colour	Sky Blue (SB)
Alternative colours upon request	Red (R) - Green (G) - Yellow (Y) - Blue (B) - Orange (O) Sky-Blue (SB) - Black (BK) - Grey (GY) Natural (N) - Brown (M)

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MAIN FEATURES TUBES T-PA12

Ø (mm)		BURSTING PRESSURE (bar) 23°C	WORKING PRESSURE (bar) 23°C	BENDING RAY (mm)	REELS LENGTH (m)	TYPE
External	Internal					
4	2	130	44	15	100	T-PA12-4X2
4	2,5	108	36	20	100	T-PA12-4X2,5
4	2,7	78	26	25	100	T-PA12-4X2,7
6	4	81	27	30	100	T-PA12-6X4
8	6	60	20	40	100	T-PA12-8X6
10	8	45	15	60	100	T-PA12-10X8
12	10	39	13	85	100	T-PA12-12X10

P.S.: Please specify the colour of the tube with the order

ALTERATION SCALE ACCORDING TO TEMPERATURE

-20°C	0°C	+23°C	+30°C	+40°C	+50°C	+60°C
1,87	1,4	1	0,80	0,65	0,55	0,45

P.S.: This information is only indicative. The validation of the application is at the user charge. For this kind of tubing the manufacturer suggests to use a working pressure of 1/4 than the bursting pressure. These tubing respect the tolerance indicated in the DIN 73 873 standard