

TECHNICAL TUBES

POLYAMIDE TUBE PA12

PLUS

HIGH TENSILE STRENGTH

**GOOD FLEXIBILITY, ALSO AT LOW
TEMPERATURE**

GOOD AGEING RESISTANCE

**GOOD RESISTANCE TO
HYDROCARBONS AND OIL**

**HIGH CHEMICAL AND HYDROLYSIS
RESISTANCE**

**WIDE RANGE OF COLOURS
AVAILABLE**





p. 722 / **PA12**

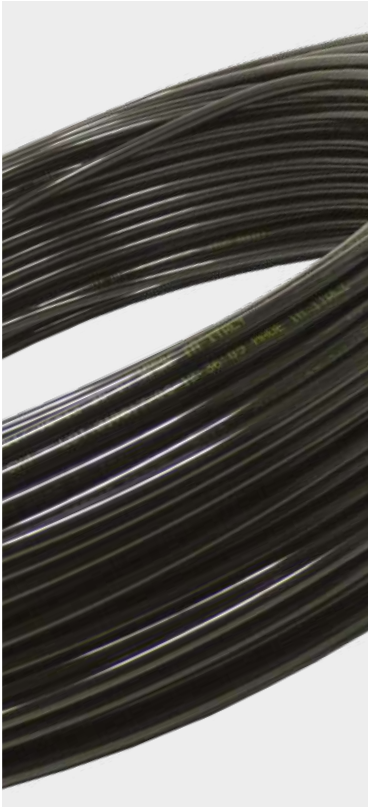


p. 723 / **PA12-BX**



p. 723 / **PA12-INCH**





-40°C ÷ 80°C
For water-based fluids the working temperature at max. +70°C



Working pressure:
See table for pressure at 23°C
Burst pressure:
See the table



Compressed air, vacuum and fluids suitable with construction materials



Material: Polyamide according to DIN 74324 and 73378

FEATURES

- Hardness (ISO 868): 65 Shore D
- Tensile stress at break (ISO R527): 50 MPa
- Elongation at break (ISO R527): 300 %
- Tensile strength modulus (ISO R527): 400 MPa
- Bending modulus (ISO 178): 400 MPa
- Density (ISO R 1183D) 1,03 g/cm³

SILICONE FREE

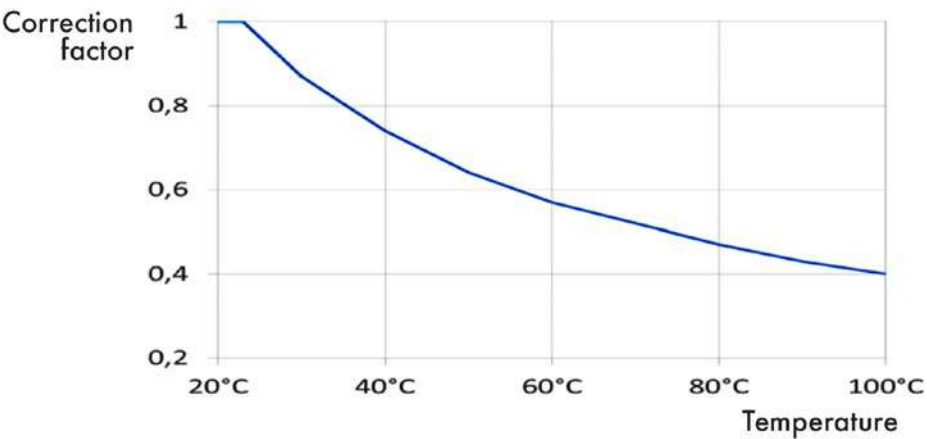


Products in compliance with EC Regulation 1907/2006

RoHS3

Products in compliance with the directive EU 2015/863

PRESSURE CORRECTION SCALE ACCORDING TO TEMPERATURE



PA12

Polyamide tube PA12



CODE	Ø ODxID	THICKNESS (mm)	MIN. BENDING RADIUS (mm)	WORKING PRESSURE AT 23°C (Bar)	BURSTING PRESSURE AT 23°C (Bar)	g/m	Q.TY FOR ROLL (mt)
PA12-0402-Z	4x2	1	16	44	132	9,7	100
PA12-0425-Z	4x2,5	0,75	24	31	93	7,9	100
PA12-0427-Z	4x2,7	0,65	26	23	69	7	100
PA12-0604-Z	6x4	1	30	28	84	16,2	100
PA12-0806-Z	8x6	1	40	20	60	22,6	100
PA12-1007-Z	10x7	1,5	58	23	69	41,2	50
PA12-1008-Z	10x8	1	60	16	48	29,1	50
PA12-1208-Z	12x8	2	60	28	84	64,7	50
PA12-1209-Z	12x9	1,5	60	20	60	50,9	50
PA12-1210-Z	12x10	1	85	12	36	35,6	50
PA12-1412-Z	14x12	1	90	10	30	42	50
PA12-15125-Z	15x12,5	1,25	100	12	36	55,6	50
PA12-1614-Z	16x14	1	120	9	27	48,5	50

Sizes ODxID	 Blue	 * Black	 Red	 Green	 Natural
4x2	PA12-0402BL-Z	PA12-0402NE-Z	PA12-0402RO-Z	PA12-0402VD-Z	PA12-0402NU-Z
4x2,5	PA12-0425BL-Z	PA12-0425NE-Z			PA12-0425NU-Z
4x2,7	PA12-0427BL-Z	PA12-0427NE-Z	PA12-0427RO-Z	PA12-0427VD-Z	PA12-0427NU-Z
6x4	PA12-0604BL-Z	PA12-0604NE-Z	PA12-0604RO-Z	PA12-0604VD-Z	PA12-0604NU-Z
8x6	PA12-0806BL-Z	PA12-0806NE-Z	PA12-0806RO-Z	PA12-0806VD-Z	PA12-0806NU-Z
10x7	PA12-1007BL-Z	PA12-1007NE-Z			PA12-1007NU-Z
10x8	PA12-1008BL-Z	PA12-1008NE-Z	PA12-1008RO-Z	PA12-1008VD-Z	PA12-1008NU-Z
12x8	PA12-1208BL-Z	PA12-1208NE-Z			PA12-1208NU-Z
12x9	PA12-1209BL-Z	PA12-1209NE-Z			PA12-1209NU-Z
12x10	PA12-1210BL-Z	PA12-1210NE-Z	PA12-1210RO-Z	PA12-1210VD-Z	PA12-1210NU-Z
14x12	PA12-1412BL-Z	PA12-1412NE-Z			PA12-1412NU-Z
15x12,5	PA12-15125BL-Z	PA12-15125NE-Z			PA12-15125NU-Z
16x14	PA12-1614BL-Z	PA12-1614NE-Z			PA12-1614NU-Z

* PA12: The BLACK coloured tube is suitable for outdoor applications



PA12-BX

Polyamide tube PA12 in 25m box



Sizes ODxID	 Blue	 * Black	 Red	 Green	 Natural
4x2	PA12-0402BL-25BX	PA12-0402NE-25BX	PA12-0402RO-25BX	PA12-0402VD-25BX	PA12-0402NU-25BX
4x2,5	PA12-0425BL-25BX	PA12-0425NE-25BX			PA12-0425NU-25BX
4x2,7	PA12-0427BL-25BX	PA12-0427NE-25BX	PA12-0427RO-25BX	PA12-0427VD-25BX	PA12-0427NU-25BX
6x4	PA12-0604BL-25BX	PA12-0604NE-25BX	PA12-0604RO-25BX	PA12-0604VD-25BX	PA12-0604NU-25BX
8x6	PA12-0806BL-25BX	PA12-0806NE-25BX	PA12-0806RO-25BX	PA12-0806VD-25BX	PA12-0806NU-25BX
10x7	PA12-1007BL-25BX	PA12-1007NE-25BX			PA12-1007NU-25BX
10x8	PA12-1008BL-25BX	PA12-1008NE-25BX	PA12-1008RO-25BX	PA12-1008VD-25BX	PA12-1008NU-25BX

* PA12: The BLACK coloured tube is suitable for outdoor applications

PA12-INCH

Polyamide tube PA12 in inches



CODE	DN	Ø ODxID (mm)	THICKNESS (mm)	MIN. BENDING RADIUS (mm)	WORKING PRESSURE AT 23 °C (Bar)	BURSTING PRESSURE AT 23 °C (Bar)	g/m	Q.TY FOR ROLL (mt)
PA12-5/32-Z	5/32"	4x2,38	0,81	12,7	28	84	8,4	100
PA12-3/16-Z	3/16"	4,75x2,97	0,89	19,1	28	84	11,1	100
PA12-1/4-Z	1/4"	6,35x4,35	1	25,4	28	84	17,3	100
PA12-5/16-Z	5/16"	8x6	1	32	23	70	22,7	100
PA12-3/8-Z	3/8"	9,53x6,39	1,57	52	32	97	40	100
PA12-1/2-Z	1/2"	12,7x9,56	1,57	65	22	66	56	100



Sizes DN	 Blue	 * Black	 Red	 Yellow
5/32"	PA12-5/32BL-Z	PA12-5/32NE-Z	PA12-5/32RO-Z	PA12-5/32GL-Z
3/16"	PA12-3/16BL-Z	PA12-3/16NE-Z	PA12-3/16RO-Z	PA12-3/16GL-Z
1/4"	PA12-1/4BL-Z	PA12-1/4NE-Z	PA12-1/4RO-Z	PA12-1/4GL-Z
5/16"	PA12-5/16BL-Z	PA12-5/16NE-Z	PA12-5/16RO-Z	PA12-5/16GL-Z
3/8"	PA12-3/8BL-Z	PA12-3/8NE-Z	PA12-3/8RO-Z	PA12-3/8GL-Z
1/2"	PA12-1/2BL-Z	PA12-1/2NE-Z	PA12-1/2RO-Z	PA12-1/2GL-Z

* PA12-INCH: The BLACK coloured tube is suitable for outdoor applications

