

TUBES

POLYAMMIDE

TUBE PA12

PLUS

HIGH TENSILE STRENGTH

GOOD FLEXIBILITY, ALSO AT LOW TEMPERATURES

LONG LIFE

GOOD RESISTANCE TO HEAT

GOOD HYDROLYSIS RESISTANCE

GOOD RESISTANCE TO HYDROCARBONS AND OIL

HIGH CHEMICAL RESISTANCE



p. 679 / **PA12**



p. 679 / **PA12-BX**





Polyamide tube PA12 is made using hydrocarbons base polymers (mineral base). The tube is in compliance with ISO 1874 - DIN 73378 regulations. black tube for external applications



From -40°C to +80°C



Products in compliance with the directive 2002/95/EC

RoHS2

Products in compliance with the directive 2011/65/EU

PHYSICAL-MECHANICALS PROPERTIES	TEST METHOD	VALUE
DENSITY	ASTM D - 792	1,03 G/CM ³
HARDNESS	ASTM D - 2240	65 SH D
BREAK ELONGATION	ASTM D - 638	> 300%
FLEXURAL MODULS	ASTM D - 790	410 MPA
KJ/M ²	DIN 53453	NO BREAK

Pressure correction scale according to temperature as indicated in the DIN 73378 regulation

	-20°C	0°C	23°C	30°C	40°C	50°C	60°C
CORRECTION FACTORS OF PRESSURE	1,0	1,0	1,0	0,8	0,6	0,5	0,45



PA12

Polyamide tube PA12



CODE	SIZES	TOLERANCE EXTERNAL TUBE	THICKNESS	WORKING PRESSURE AT 23°C (BAR)	BURST PRESSURE (BAR)	MINIMUM BENDING RADIUS	GR.	MT.
PA12-0402-Z	4X2	±0,1	1,00	44	132	15	9,8	100
PA12-0425-Z	4X2,5	±0,1	0,75	30	90	20	7,9	100
PA12-0427-Z	4X2,7	±0,1	0,65	26	78	25	7,1	100
PA12-0604-Z	6X4	±0,1	1,00	27	81	30	16,3	100
PA12-0806-Z	8X6	±0,1	1,00	20	60	40	22,9	100
PA12-1007-Z	10X7	±0,15	1,50	25	75	50	41,2	50
PA12-1008-Z	10X8	±0,15	1,00	15	45	60	29,4	50
PA12-1208-Z	12X8	±0,15	2,00	24	72	60	64,7	50
PA12-1209-Z	12X9	±0,15	1,50	20	60	80	51,0	50
PA12-1210-Z	12X10	±0,15	1,00	13	39	85	35,9	50
PA12-1412-Z	14X12	±0,15	1,00	11	33	90	42,5	50
PA12-15125-Z	15X12,5	±0,15	1,25	12	36	90	55,6	50
PA12-1614-Z	16X14	±0,15	1,00	9	27	100	48,5	50






PA12-BX

Polyamide tube PA12



CODE	SIZES	TOLERANCE EXTERNAL TUBE	THICKNESS	WORKING PRESSURE AT 23°C (BAR)	BURST PRESSURE (BAR)	MINIMUM BENDING RADIUS	GR./MT.	MT.
PA12-0402-25BX	4X2	±0,1	1,00	44	132	15	9,8	25
PA12-0425-25BX	4X2,5	±0,1	0,75	30	90	20	7,9	25
PA12-0427-25BX	4X2,7	±0,1	0,65	26	78	25	7,1	25
PA12-0604-25BX	6X4	±0,1	1,00	27	81	30	16,3	25
PA12-0806-25BX	8X6	±0,1	1,00	20	60	40	22,9	25
PA12-1007-25BX	10X7	±0,15	1,50	25	75	50	41,2	25
PA12-1008-25BX	10X8	±0,15	1,00	15	45	60	29,4	25








Sizes ODxID	 Light Blue	 Black	 Red	 Green	 Natural
4X2	PA12-0402AZ-Z	PA12-0402NE-Z	PA12-0402RO-Z	PA12-0402VD-Z	PA12-0402NU-Z
4X2,5	PA12-0425AZ-Z	PA12-0425NE-Z			PA12-0425NU-Z
4X2,7	PA12-0427AZ-Z	PA12-0427NE-Z	PA12-0427RO-Z	PA12-0427VD-Z	PA12-0427NU-Z
6X4	PA12-0604AZ-Z	PA12-060NE-Z	PA12-0604RO-Z	PA12-0604VD-Z	PA12-0604NU-Z
8X6	PA12-0806AZ-Z	PA12-0806NE-Z	PA12-0806RO-Z	PA12-0806VD-Z	PA12-0806NU-Z
10X7	PA12-1007AZ-Z	PA12-1007NE-Z			PA12-1007NU-Z
10X8	PA12-1008AZ-Z	PA12-1008NE-Z	PA12-1008RO-Z	PA12-1008VD-Z	PA12-1008NU-Z
12X8	PA12-1208AZ-Z	PA12-1208NE-Z			PA12-1208NU-Z
12X9	PA12-1209AZ-Z	PA12-1209NE-Z			PA12-1209NU-Z
12X10	PA12-1210AZ-Z	PA12-1210NE-Z	PA12-1210RO-Z	PA12-1210VD-Z	PA12-1210NU-Z
14X12	PA12-1412AZ-Z	PA12-1412NE-Z			PA12-1412NU-Z
15X12,5	PA12-15125AZ-Z	PA12-15125NE-Z			PA12-15125NU-Z
16X14	PA12-1614AZ-Z	PA12-1614NE-Z			PA12-1614NU-Z

ADD -25BX TO END CODE FOR THE TUBE IN BOX

PA12-INCH

CODE	SIZES (INCH)	WORKING PRESSURE AT 23°C (BAR)	BURST PRESSURE (BAR)	MINIMUM BENDING RADIUS (INCH)	LB.	MT.
PA12-5/32	0,157X0,093	28	84	0,5	0,018	100
PA12-3/16	0,187X0,116	28	84	0,75	0,024	100
PA12-1/4	0,25X0,169	28	84	1	0,039	100
PA12-5/16	0,312X0,232	23	70	1,25	0,050	100
PA12-3/8	0,374X0,274	21	64	2,95	0,074	100
PA12-1/2	0,5X0,375	19	56	4,33	0,125	100

COLORS INCH

Sizes ODxID	 Light Blue	 Black	 Red	 Yellow	 Natural
5/32	PA12-5/32BL	PA12-5/32NE	PA12-5/32RO	PA12-5/32GL	PA12-5/32NU
3/16	PA12-3/16BL	PA12-3/16NE	PA12-3/16RO	PA12-3/16GL	PA12-3/16NU
1/4	PA12-1/4BL	PA12-1/4NE	PA12-1/4RO	PA12-1/4GL	PA12-1/4NU
5/16	PA12-5/16BL	PA12-5/16NE	PA12-5/16RO	PA12-5/16GL	PA12-5/16NU
3/8	PA12-3/8BL	PA12-3/8NE	PA12-3/8RO	PA12-3/8GL	PA12-3/8NU
1/2	PA12-1/2BL	PA12-1/2NE	PA12-1/2RO	PA12-1/2GL	PA12-1/2NU

