Partnership. With Guarantee.

Plastic hose made of polyamide
Series PA



Base material	Polyamide PA10.12 or rather PA12, recyclable
Temperature range	-60...+130°C
Operating pressure	Vacuum -0,87bar up to Specification in table at 23°C, Pressure reduction factors see table
Tolerance Outside diameter	up to 10mm Outside diameter ±0,10mm, up to Outside diameter 16mm ±0,15mm
Tolerance Wall thickness	±0,10mm
Roll length	50m, on request 100, 200, 500 and 1000m
Colors	blue, yellow, green,natural, red, black
Approvals	ISO7628 (also meets all tests according to DIN 74324 and DIN 73378)
Application	Compressed air applications, Hydraulics, Motor vehicles, Fuel lines. The PA tube with black color is UV-resistant.

Outside diameter [mm]	Inner diameter [mm]	max. Operating pressure at 23°C [bar]	Bending radius minimum[mm]	Type
3	1,7	37	15	PA-3/1,7-Color
4	2,5	32	20	PA-4/2,5-Color
5	3	35	30	PA-5/3-Color
6	4	28	35	PA-6/4-Color
8	6	20	40	PA-8/6-Color
10	8	16	60	PA-10/8-Color
12	9	19	70	PA-12/9-Color
12	10	13	85	PA-12/10-Color
14	11	17	95	PA-14/11-Color
15	12,5	13	95	PA-15/12,5-Color
16	13	13	100	PA-16/13-Color

Pressure reduction factors

Temperature range	-60...+23°C	+30°C	+40°C	+50°C	+60°C	+70°C	+80°C	+90°C	+100°C
Operating pressure in % of the maximum value	100%	87%	74%	64%	57%	50%	43%	36%	29%

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