

## plastic hose made of polyamide series PA



basic material	polyamide PA10.12 respectively PA12, recyclable
temperature range	-60°C to +130°C
operating pressure	vacuum -0,87bar to specification in table at 23°C, pressure reduction factors see table
tolerance of outside diameter	to 10mm outside diameter $\pm 0,10$ mm, to outside diameter 16mm $\pm 0,15$ mm
thickness tolerance	$\pm 0,10$ mm
length of rolls	50m, on request 100, 200, 500 and 1000m
colours	blue, yellow, green,natural, red, black
approvals	ISO7628 (fulfils all test according to DIN 74324 and DIN 73378)
application	compressed air uses, hydraulics, fuel pipes. the black PA plastic hose is UV resistant.

outer pipe diameter [mm]	inner pipe diameter [mm]	max. operating pressure at 23°C [bar]	minimum bending radius[mm]	colour	type
3	1,7	37	15	natural, black	PA-3/1,7-colour
4	2,5	32	20	all	PA-4/2,5-colour
5	3	35	30	blue, yellow, natural, red,black	PA-5/3-colour
6	4	28	35	all	PA-6/4-colour
8	6	20	40	all	PA-8/6-colour
10	8	16	60	all	PA-10/8-colour
12	9	19	70	blue, yellow, natural, red,black	PA-12/9-colour
12	10	13	85	natural, black	PA-12/10-colour
14	11	17	95	natural	PA-14/11-colour
15	12,5	13	95	natural	PA-15/12,5-colour
16	13	13	100	natural, red	PA-16/13-colour

### pressure reduction factors

temperature range	-60°Cto +23°C	+30°C	+40°C	+50°C	+60°C	+70°C	+80°C	+90°C	+100°C
operating pressure in % of maximum value	100%	87%	74%	64%	57%	50%	43%	36%	29%

illustrations are for information only and are non-binding  
all designs, configurations, measurements and materials are subject to change without prior notice.