

plastic hose made of polyamide series PA



basic material	polyamide PA12-PHL, recyclable
temperature range	-60...+100°C
operating pressure	vacuum -0,87bar to specification in table at 23°C, pressure reduction factors see table
tolerance of outside diameter	to 13mm outside diameter $\pm 0,10$ mm, to outside diameter 22mm $\pm 0,15$ mm
thickness tolerance	$\pm 0,10$ mm
length of rolls	50m respectively 100m, on request 200, 500 and 1000m
colours	blue, yellow, green,natural, red, black
approvals	DIN 74324
application	compressed air uses, hydraulics, motor vehicles, fuel pipes. the black PA plastic hose is UV resistant.

outside diameter [mm]	inside diameter [mm]	max. operating pressure at 23°C [bar]	minimum bending radius[mm]	type
3	1,7	35	15	PA-3/1,7-colour
4	2,5	31	20	PA-4/2,5-colour
5	3	34	25	PA-5/3-colour
6	4	27	30	PA-6/4-colour
8	6	19	40	PA-8/6-colour
10	8	15	60	PA-10/8-colour
10	7	23	50	PA-10/8-colour
12	9	19	60	PA-12/9-colour
12	10	12	85	PA-12/10-colour
14	11	16	80	PA-14/11-colour
15	12,5	13	90	PA-15/12,5-colour
16	13	14	90	PA-16/13-colour
22	18	13	150	PA-22/18-colour

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 maximum value	100%	87%	74%	64%	57%	52%	47%	44%	36%

illustrations are non-binding

all designs, configurations, measurements and materials are subject to change without prior notice