

plastic hose made of polyamide ATEX series PA-A



basic material	polyamide PA12
temperature range	-60...+130°C
operating pressure	vacuum -0,87bar to specification in table at 23°C, pressure reduction factors see table
tolerance of outside diameter	±0,10mm
thickness tolerance	±0,10mm
length of rolls	100m, on request 200, 500 and 1000m
colour	black
approvals	ATEX II 2 G/D
surface resistance	<10 ⁶ ohm according to IEC 60093
application	explosive environment, fuel pipes, flammable fluid transfer

outside tube diameter [mm]	inner pipe diameter [mm]	max. operating pressure at 23°C [bar]	minimum bending radius[mm]	type
6	4	22	35	PA-6/4-BK-A
8	6	16	40	PA-8/6-BK-A
10	8	12	60	PA-10/8-BK-A

pressure reduction factors

temperature range	-60°C to +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 non-binding
all designs, configurations, measurements and materials are subject to change without prior notice