

Plastic hose made of polyamide ATEX Series PA-AYA



Base material	Polyamide PA12
Temperature range	-20...+60°C
Operating pressure	Vacuum -0,87bar up to Specification in table at 23°C, Pressure reduction factors see table
Tolerance Outside diameter	±0,10mm
Tolerance Wall thickness	±0,10mm
Color	black
Approvals	ATEX-Manufacturer's declaration, suitable for Zones 1, 2, 21, 22
Surface resistance	<10 ⁶ Ohm according to IEC 60093
Application	explosive environments, Fuel lines, Conveying flammable media

Outside diameter [mm]	Inner diameter [mm]	max. Operating pressure at 23°C [bar]	Bending radius minimum[mm]	Roll length	Type
4	2,5	36	36	100	PA-4/2,5-BK-AYA
6	4	33	40	100	PA-6/4-BK-AYA
8	6	24	70	100	PA-8/6-BK-AYA
10	8	19	120	50	PA-10/8-BK-AYA
12	10	15	150	50	PA-12/10-BK-AYA
16	12,8	24	200	50	PA-16/12-BK-AYA

Pressure reduction factors

Temperature range	-20...+23°C	+30°C	+40°C	+50°C	+60°C
Operating pressure in % of the maximum value	100%	87%	74%	64%	55%

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