



BOA PROTEX

Strip wound metal hose

The protective hose **PROTEX** is a strip wound metal hose with double-strip profile, polygonal section, without gasket, limited tightness, therefore not recommended for conveying liquids and gases. Suitable for all-around movements, also in axial direction. Tolerates small torsion due to polygonal profile. Robust execution and resistant to vibration. Easy assembly.

Material: stainless steel 1.4301 (similar to AISI 304)

Application fields:

- as exhaust gas, ventilation and suction hose
- for vibration and sound absorption in exhaust manifolds
- applicable for small under-inflation, if a slight loss of air is tolerated
- as inliner for pressure hoses operating very high flow rates, to prevent important pressure loss and too high sound emission.

Temperature range: - 196°C up to max. 650°C

∅ Inside [mm]	∅ Outside [mm]	Tolerance ± [mm]	Weight [kg/m]	Min. static bend radius [mm]	Production length [m]	BOA item n° [-]
55.0	59.0	0.4	1.800	240	10	M-0039850
60.0	64.0	0.4	1.940	260	10	M-0039851
65.0	69.0	0.4	2.150	280	10	M-0039852
70.0	74.0	0.4	2.300	300	10	M-0039853
75.0	79.0	0.6	2.430	320	10	M-0039854
80.0	84.0	0.6	2.620	340	10	M-0039855
85.0	89.0	0.6	2.760	360	10	M-0039856
90.0	94.0	0.6	2.900	380	10	M-0039857
100.0	104.0	0.8	3.250	420	10	M-0039858
125.0	129.0	0.8	4.060	520	10	M-0039859
150.0	154.0	1.0	5.880	640	10	M-0039860
190.0	194.0	1.0	7.400	800	10	M-0039861

Preferred series, usually available at short term

Other ∅ on request.

Length measure

The hose or hose assembly length shall be measured in either midposition or in the extended position depending on the purchaser's requirements and shall be the length as ordered with a tolerance of ±3% unless otherwise stated (definition EN ISO 15465). The compressed measure length is 10–15% shorter, the installation length corresponds to the mid-position between extended and compressed position.

Useful data for placing an inquiry or order:

- Item description: BOA PROTEX
- BOA item n° (M-)
- Quantity

Installation

The connection from hose to machine parts or rigid pipes is realized with brazed or riveted sockets using or not a reduction. For frequent hose mounting to and demounting from the piping, we supply springy, slit, brazed sockets with clamp device. For smaller nominal sizes, as connecting parts rubber sockets may be glued on.

The three leaflets for metal hoses and metal hose assemblies "Technical Information", "Installation Instructions" and "Guarantee/ Delivery terms/ Conditions" are integrating part of the present product data sheet.

Specifications subject to change without notice.