



BOA C150

Strip wound metal hose

The protective hose **C150** is a strip wound metal hose with double-strip profile, circular section, without gasket, limited tightness, therefore not recommended for conveying liquids and gases. Suitable for all-around movements, also in axial direction. No torsion is tolerated. 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. 600°C

∅ Inside [mm]	∅ Outside [mm]	Tolerance ± [mm]	Weight (stretched) [kg/m]	Min. static bend radius [mm]	Transverse pressure resistance min. [N]	Min. tensile strength [N]	BOA item n° [-]
11	14	0.2	0.195	55	1415	900	M-0039841
13	16	0.2	0.230	70	1550	1100	M-0039842
14	17	0.2	0.248	75	1620	1200	M-0039843
17	20	0.2	0.301	85	1840	1500	M-0039844
25	29	0.3	0.500	125	3500	1975	M-0039845
32	36	0.4	0.640	160	3200	2250	M-0039846
40	44	0.4	0.790	180	3000	2450	M-0039847
48	52	0.4	0.922	200	2700	2700	M-0039848
50	54	0.5	0.960	205	2650	2750	M-0039849

Preferred series, usually available at short term.

Other ∅ on request.

Length measure

The hose or hose assembly length shall be measured in either mid-position 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.

Installation

To allow free movement in all directions, the installation length corresponds to the middle value between stretched and compressed measure. To connect fittings, an appropriate thin-walled tube is pulled over the hose end, then riveted to the hose profile, and brazed or welded.

Useful data for placing an inquiry or order:

- Item description: BOA C150
- BOA item n° (M-)
- Quantity

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.