



BOA DE

Strip wound metal hose

Using metal hoses, electric cables, rubber and plastic hoses, copper pipes and other sensitive conductors become well protected against mechanical damages, welding splatters or chemical influences. While protecting rubber and plastic hoses, moreover they prevent them from stretching and bursting due to inner pressure or from buckling due to too sharp bending.

The protective metal hose **Type DE** is formed by a strip wound, S-profile metal strip; circular cross-section.

Material: stainless steel 1.4301 (similar to AISI 304)

Special materials on demand.

Type DE shows an excellent, robust construction, resistant against heavy mechanical movement. Excellent flexibility not hindering or only slightly the space within the conductor to be protected is moving. **Type DE is not tight, and therefore unsuited for pressure piping use.**

Application fields:

- Pressure pipe for all kinds of applications with less demanding working conditions
- drinking water (with approval)
- sanitary applications, HVAC, solar applications

DN / Designation [-]	∅ Inside [mm]	∅ Outside [mm]	∅ Tolerance ± (i./o.) [mm]	Min. bend radius (without load) [mm]	BOA item n° [-]
DE 3 - 1.4301	3	4.8	0.2 ID/ 0.3 AD	15	M-0023092
DE 3.3 - 1.4301	3.3	5	0.2	15	M-0002720
DE 4.3 - 1.4301	4.3	6	0.2	15	M-0004889
DE 5.3 - 1.4301	5.3	7	0.2	17	M-0006512
DE 6 - 1.4301	6	8	0.2	19	M-0003810
DE 8 - 1.4301	8	10	0.2	22	M-0003204

Minimal order quantity (per size): **50 m**

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. It 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 DE
- BOA item n° (M-)
- DN / Designation
- 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.

Specifications subject to change without notice.