



BOA SP10

Annularly corrugated metal hose assembly
DIN-DVGW certified and VdS approved

The annularly corrugated metal hose assembly **SP10** has a medium corrugation and a stainless steel braid. One side inert gas welded, malleable cast iron nipple with male thread according to ISO 7-1, the other side inert gas welded three-part, conical sealing malleable cast iron screw connection with female thread according to ISO 7-1, DIN-DVGW-certificate, VdS approved.

Working conditions

Min. admissible temperature: $\vartheta_{\max, adm.} = -20^{\circ}\text{C}$
 Max. admissible temperature: $\vartheta_{\max, adm.} = +300^{\circ}\text{C}$
 Nominal pressure rate general: PN25

- for fluids, gases & steams: $p_{\max, working} = 25 \text{ bar until } \vartheta_{working} \leq 120^{\circ}\text{C}$
 $p_{\max, working} = 20 \text{ bar at } 120^{\circ}\text{C} < \vartheta_{working} \leq 300^{\circ}\text{C}$
- for combustion gases (acc. to DIN 3384): $p_{\max, working} = \text{PN5 bar at } \vartheta_{working} = 20^{\circ}\text{C}$

Application fields:

- gas applications
- heating, ventilation, air conditioning
- mechanical engineering
- hydraulic engineering

Materials:

Corrugated hose stainless steel 1.4404
 Braid stainless steel 1.4301
 Fittings malleable cast iron (weldable)

DN [mm]	Thread ["]	Nominal pressure PN [bar]	Nominal length NL [mm]	Weight [kg]	BOA item n° [-]
10	R 3/8" A Rp 3/8"	25	300	0.20	6000076423
			500	0.26	6000076424
			1000	0.41	6000076425
12 (16)	R 1/2" A Rp 1/2"	25	300	0.25	6000076414
			500	0.31	6000076415
			1000	0.47	6000076416
20	R 3/4" A Rp 3/4"	25	500	0.55	6000076426
			750	0.67	6000076427
			1000	0.79	6000076428
25	R 1" A Rp 1"	25	500	0.80	6000076417
			750	0.95	6000076429
			1000	1.10	6000076418
32	R 1 1/4" A Rp 1 1/4"	25	500	1.30	6000076430
			750	1.52	6000076431
			1000	1.75	6000076432
40	R 1 1/2" A Rp 1 1/2"	25	500	1.45	6000076419
			750	1.75	6000076433
			1000	2.03	6000076420
50	R 2" A R 2"	25	500	2.40	6000076421
			750	2.90	6000076434
			1000	3.35	6000076422

Preferred series; usually available at short term

Useful data for placing an inquiry or order:

- Item description: BOA SP10
- BOA item n° (M-)
- DN
- Quantity

Specifications subject to change without notice.

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.