

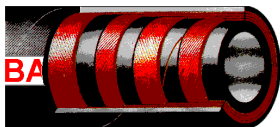


Balflex® POWERSPIR DIN EN 856 4SH

Balflex® POWERSPIR EN 856 4SH – 10.1009.

According to ISO 3862 / EN 856 type 4SH

Very high pressure, four steel wire spirals reinforced hydraulic hose



- Inner tube:** seamless oil resistant synthetic rubber
- Reinforcement:** 4 spirals of very high tensile steel wire
- Outer tube:** black, oil, weather and abrasion resistant synthetic rubber
- Safety factor:** 4: 1
- Application:** petroleum base hydraulic fluids
- Temperature range:** - 40°C (- 40°F) + 100°C (+ 212°F); Intermittent service: + 120°C (+ 248°F)
Max. temperature recommended for water base hydraulic fluids: **+ 70°C (+ 158°F)**
Max. temperature recommended for air: **+ 60°C (+ 140°F)**
- Couplings:** Balflex® crimped fittings series 26 with ferrules 20.406. (3/4" and 1") and 20.405. (1.1/4", 1.1/2" and 2") series

part number	Ø nom.	dash size	Ø internal		Ø external		working pressure		min. burst pressure		min. bend radius		weight
			mm	inch	mm	inch	MPa	PSI	MPa	PSI	mm	inch	
10.1009.12	3/4"	- 12	19,0	0.75	33,0	1.30	42.0	6090	168.0	24360	280	11.0	1,56
10.1009.16	1"	- 16	25,4	1.00	38,7	1.52	38.0	5510	152.0	22040	340	13.4	2,09
10.1009.20	1.1/4"	- 20	32,0	1.25	45,5	1.79	32.5	4713	130.0	18852	460	18.1	2,57
10.1009.24	1.1/2"	- 24	38,0	1.50	53,5	2.11	29.0	4205	116.0	16820	560	22.0	3,44
10.1009.32	2"	- 32	50,8	2.00	68,1	2.68	25.0	3625	100.0	14500	700	27.6	4,90

* On sizes – 12 (3/4") and – 16 (1") the Balflex® POWERSPIR DIN EN 856 4SH and SAE 100R13 hoses are the same. The working pressure of Balflex® POWERSPIR DIN EN 856 4SH SAE 100R13 3/4" and Balflex® POWERSPIR DIN EN 856 4SH SAE 100R13 1" are higher than standard SAE 100R13.

* On size – 12 (3/4") the Balflex® POWERSPIR DIN EN 856 4SH, SAE 100R13 and SAE 100R15 hoses are the same

COVER: U.S. MSHA APPROVED

Construction characteristics and dimensions may be changed at any time without prior notice.

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Only items in this catalogue are carried in stock. Some items are subjected to minimum quantities or sold only in multiples of standard quantities. Please refer to the price list or contact our commercial department.

Balflex® – The European Technology