



# Balflex® DIN EN 853 2ST / SAE 100R2A

## Balflex® DIN EN 853 2ST / SAE 100R2A – 10.1003.

According to ISO 1436 / DIN EN 853 type 2ST / SAE J517 type SAE 100R2 A

**THICK COVER - High pressure, double steel braid reinforced hydraulic hose**



- Inner tube:** seamless oil resistant synthetic rubber
- Reinforcement:** 2 high tensile steel wire braids
- 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 23 serie with ferrules 20 serie. Multicrimp P23 serie

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	
10.1003.04	1/4"	- 4	6,3	0.25	17,1	0.67	40.0	5800	160.0	23200	100	3.94	0,45
10.1003.05	5/16"	- 5	8,0	0.31	18,7	0.74	35.0	5075	140.0	20300	115	4.53	0,52
10.1003.06	3/8"	- 6	9,5	0.38	21,0	0.83	33.0	4785	132.0	19140	130	5.12	0,64
10.1003.08	1/2"	- 8	12,7	0.50	24,2	0.95	27.5	3985	110.0	15940	180	7.09	0,75
10.1003.10	5/8"	- 10	16,0	0.63	27,4	1.08	25.0	3625	100.0	14500	200	7.87	0,88
10.1003.12	3/4"	- 12	19,0	0.75	31,4	1.24	21.5	3120	86.0	12480	240	9.45	1,08
10.1003.16	1"	- 16	25,4	1.00	39,0	1.54	16.5	2390	65.0	9560	300	11.81	1,46
10.1003.20	1.1/4"	- 20	32,0	1.25	49,8	1.96	12.5	1810	50.0	7240	420	16.54	2,17
10.1003.24	1.1/2"	- 24	38,0	1.50	56,2	2.21	9.0	1300	36.0	5200	500	19.69	2,43
10.1003.32	2"	- 32	50,8	2.00	68,8	2.71	8.0	1160	32.0	4640	630	24.80	3,09

Note: usually not available in stock, only by order.

Balflex® hydraulic hose DIN EN 853 2ST / SAE 100R2A has a very superior working and burst pressure compared with only SAE 100R2A

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**