



# Balflex® DIN EN 853 2SN / SAE 100R2AT

## Balflex® DIN EN 853 2SN / SAE 100R2AT – 10.1004.

According to ISO 1436 / DIN EN 853 type 2SN / SAE J517 type SAE 100R2 AT

**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	
10.1004.03	3/16"	- 3	4,8	0.19	13,4	0.53	41.5	6015	165.0	24060	89	3.5	0,32
10.1004.04	1/4"	- 4	6,3	0.25	15,0	0.59	40.0	5800	160.0	23200	100	3.9	0,38
10.1004.05	5/16"	- 5	8,0	0.31	16,6	0.65	35.0	5075	140.0	20300	114	4.5	0,45
10.1004.06	3/8"	- 6	9,5	0.38	19,0	0.75	33.0	4785	132.0	19140	127	5.0	0,53
10.1004.08	1/2"	- 8	12,7	0.50	22,2	0.87	27.5	3985	110.0	15940	178	7.0	0,65
10.1004.10	5/8"	- 10	16,0	0.63	25,5	1.00	25.0	3625	100.0	14500	200	7.9	0,76
10.1004.12	3/4"	- 12	19,0	0.75	29,4	1.15	21.5	3120	86.0	12480	240	9.4	1,00
10.1004.16	1"	- 16	25,4	1.00	37,9	1.50	16.5	2390	65.0	9560	300	11.8	1,48
10.1004.20	1.1/4"	- 20	32,0	1.25	48,5	1.90	12.5	1810	50.0	7240	419	16.5	2,14
10.1004.24	1.1/2"	- 24	38,0	1.50	54,7	2.15	9.0	1300	36.0	5200	500	19.7	2,55
10.1004.32	2"	- 32	50,8	2.00	67,4	2.65	8.0	1160	32.0	4640	630	24.8	3,30
10.1004.40	2.1/2"	- 40	63,5	2.50	83,0	3.27	7.0	1015	28.0	4060	760	30.4	3,96
10.1004.48	3"	- 48	76,2	3.00	96,0	3.78	5.5	798	22.0	3192	900	36.0	4,96

Note: Size - 48 (3") not included in the standards.

Balflex® hydraulic hose DIN EN 853 2SN / SAE 100R2AT has a very superior working and burst pressure compared with only SAE 100R2AT

COVER: U.S. MSHA APPROVED

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

The data contained herein is information purposes only and does not enlarge, amend or imply any warranty other than provided by the manufacturer with the product. Any use of the product not in conformance with the manufacturer's instructions may be dangerous.

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**