

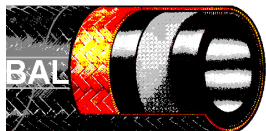
# Balflex® SAE 100R5 / SAE J 1402 All



## Balflex® SAE 100R5 / SAE J 1402 All – 10.1007.

According to SAE J517 type SAE 100R5 / SAE J 1402 type All

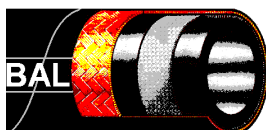
**High pressure hydraulic hose with steel and textile braids reinforcement with rubber impregnated textile cover**



- Inner tube:** seamless oil resistant synthetic rubber
- Reinforcement:** 2 high resistance synthetic textile braids with an intermediate high tensile steel wire braid
- Outer tube:** impregnation of the outer textile braid with 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 P25 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	
10.1007.04	3/16"	- 4	4,8	0.19	13,2	0.52	20,7	3000	82,8	12000	76	3.00	0,19
10.1007.05	1/4"	- 5	6,3	0.25	14,8	0.60	20,7	3000	82,8	12000	86	3.38	0,27
10.1007.06	5/16"	- 6	8,0	0.31	17,2	0.68	15,5	2250	62,0	9000	102	4.00	0,29
10.1007.08	13/32"	- 8	10,4	0.41	19,5	0.77	13,8	2000	55,2	8000	117	4.62	0,36
10.1007.10	1/2"	- 10	12,7	0.50	23,4	0.92	12,1	1755	48,3	7020	140	5.50	0,45
10.1007.12	5/8"	- 12	16,0	0.63	27,4	1.08	10,3	1495	41,4	5980	165	6.50	0,56
10.1007.16	7/8"	- 16	22,2	0.88	31,4	1.24	5,5	800	22,1	3200	187	7.38	0,78
10.1007.20	1.1/8"	- 20	28,6	1.13	38,1	1.50	4,3	625	17,2	2500	229	9.00	1,06
10.1007.24	1.3/8"	- 24	34,9	1.38	44,5	1.75	3,4	500	13,8	2000	267	10.50	1,45
10.1007.32	1.13/16"	- 32	46,0	1.81	56,4	2.22	2,4	350	9,7	1400	337	13.20	1,70
10.1007.40	2.3/8"	- 40	60,3	2.38	73,0	2.87	2,4	350	9,7	1400	610	24.00	2,15
10.1007.48	3"	- 48	76,2	3.00	90,5	3.56	1,4	200	5,5	800	838	33.00	3,08

**High pressure hydraulic hose with steel and textile braids reinforcement with rubber cover**



## Balflex® SAE 100R5R – 10.1006.

SAE 100R5 hydraulic hose with rubber cover

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**