

# Balflex® BALPAC PREMIUM SAE 100R16



## Balflex® ARMORGUARD BALPAC PREMIUM SAE 100R16 – 10.1019.--A

According to SAE J517 Norm type / SAE 100R16 / ISO 11237 –1 Norm type R16

## Balflex® ARMORGUARD VERY HIGH ABRASION RESISTANCE

**Exceeds SAE 100R16**

**Very High pressure, double steel wire braid reinforced hydraulic hose**



- Inner tube:** seamless oil resistant synthetic rubber
- Reinforcement:** 2 high tensile steel wire braids
- Outer tube:** black, oil, weather and VERY HIGH 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	
10.1019.04A	1/4"	- 4	6,3	0.25	13,3	0.52	40.0	5800	160.0	23200	50	2.0	0,27
10.1019.05A	5/16"	- 5	8,0	0.31	15,0	0.59	35.0	5075	140.0	20300	57	2.2	0,30
10.1019.06A	3/8"	- 6	9,5	0.38	17,1	0.67	33.0	4785	132.0	19140	65	2.6	0,42
10.1019.08A	1/2"	- 8	12,7	0.50	20,6	0.81	27.6	4000	110.4	16000	90	3.5	0,52
10.1019.10A	5/8"	- 10	16,0	0.63	23,7	0.93	25.0	3625	100.0	14500	100	3.9	0,63
10.1019.12A	3/4"	- 12	19,0	0.75	27,7	1.09	21.5	3118	86.0	12472	120	4.7	0,80
10.1019.16A	1"	- 16	25,4	1.00	35,8	1.41	16.5	2393	66.0	9572	150	5.9	1,22

COVER: U.S. MSHA APPROVED

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

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**Balflex® – The European Technology**