



# BALPAC 4000



## SAE 100R19 – 10.1020

High pressure, double steel braid reinforced hydraulic hose

REFERENCE	#	DN	inch	SAE Dash	ID	OD	MPa		MIN BEND RAD		KG	
					mm	mm	MPa	PSI	MPa	PSI	mm	kg/m
R19-04	10.1020.04	DN6	1/4"	-4	6,3	13,0	28,0	4000	112,0	16000	50	0,27
R19-06	10.1020.06	DN10	3/8"	-6	9,5	17,0	28,0	4000	112,0	16000	65	0,42
R19-08	10.1020.08	DN12	1/2"	-8	12,7	20,0	28,0	4000	112,0	16000	90	0,52
R19-10	10.1020.10	DN16	5/8"	-10	16,0	24,0	28,0	4000	112,0	16000	100	0,63
R19-12	10.1020.12	DN19	3/4"	-12	19,0	28,0	28,0	4000	112,0	16000	120	0,80

**INNER TUBE:** seamless oil resistant synthetic rubber

**REINFORCEMENT:** 2 high tensile steel wire braid

**OUTER TUBE:** black wrapped, oil, weather and abrasion resistant synthetic rubber

**SAFETY FACTOR:** 4:1

**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)

**APPLICATION:** petroleum base hydraulic fluids

**COUPLINGS:** Balflex® 2-piece fittings serie 23 with 20 serie ferrules. Balflex® Multicrimp fittings serie BW23/BF21/P23  
**COVER:** U.S. MSHA APPROVED

**AVAILABLE VERSIONS:** Smooth cover (Shark Skin) / High Temperature (Tropic) / Low Temperature (Artic) / Tough Cover (Armourguard)

**BALFLEX // BALPAC 4000 SAE 100R19 - DN6 - 1/4" - WP - 28 MPa / 4000 PSI - Flame Resistant - MSHA IC-252/00**

# BALPAC PREMIUM



## DIN EN 857 2SC / SAE 100R16 / ISO 11237 – 10.1019.

High pressure, double steel braid reinforced hydraulic hose

REFERENCE	#	DN	inch	SAE Dash	ID	OD	MPa		MIN BEND RAD		KG	
					mm	mm	MPa	PSI	MPa	PSI	mm	kg/m
2SC-04	10.1019.04	DN6	1/4"	-4	6,3	13,2	45	6500	180	26000	50	0,27
2SC-05	10.1019.05	DN8	5/16"	-5	8,0	15,1	42	6100	168	24400	57	0,30
2SC-06	10.1019.06	DN10	3/8"	-6	9,5	17,0	40	5800	160	23200	65	0,42
2SC-08	10.1019.08	DN12	1/2"	-8	12,7	20,5	36	5250	144	21000	90	0,52
2SC-10	10.1019.10	DN16	5/8"	-10	16,0	24,2	28	4000	112	16000	100	0,63
2SC-12	10.1019.12	DN19	3/4"	-12	19,0	28,2	28	4000	112	16000	120	0,80
2SC-16	10.1019.16	DN25	1"	-16	25,4	35,6	21	3000	84	12000	150	1,22

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**SAFETY FACTOR:** 4:1

**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)

**APPLICATION:** petroleum base hydraulic fluids

**COUPLINGS:** Balflex® 2-piece fittings serie 23 with 20 serie ferrules. Balflex® Multicrimp fittings serie BW23/BF21/P23  
**COVER:** U.S. MSHA APPROVED

**AVAILABLE VERSIONS:** Smooth cover (Shark Skin) / High Temperature (Tropic) / Low Temperature (Artic) / Tough Cover (Armourguard)

**NOTE:** For sizes DN16(5/8"), DN19(3/4"), DN25(1"), consider Balflex Balpac Premium. Approved at 1 000 000 impulse cycles at 1.33% WP

**BALFLEX // BALPAC - PREMIUM R16-7K EXCEEDS DIN EN 857 - 2SC / SAE 100R16 / SAE 100R19 ISO 11237 / ISO 18752 TYPE BC DN6 - 1/4" - WP 45 MPa / 6500 PSI - Flame Resistant - MSHA IC-252/00**