

# BALPAC 3000



DIN EN 857 1SC / SAE 100R17 / ISO 11237 – 10.1017.

High pressure, single or double steel braid reinforced hydraulic hose

REFERENCE	#	DN	inch	SAE Dash	ID mm	OD mm	MPa PSI	MPa PSI	MIN BEND RAD mm	KG kg/m
1 Wire Braid										
R17-04	10.1017.04	DN6	1/4"	-4	6.3	12.5	<b>22.5</b> 3300	<b>90.0</b> 13200	51	0.22
R17-05	10.1017.05	DN8	5/16"	-5	8.0	13.8	<b>21.5</b> 3200	<b>86.0</b> 12800	60	0.27
R17-06	10.1017.06	DN10	3/8"	-6	9.5	16.2	<b>21.0</b> 3000	<b>84.0</b> 12000	64	0.34
R17-08	10.1017.08	DN12	1/2"	-8	12.7	19.4	<b>21.0</b> 3000	<b>84.0</b> 12000	89	0.42
2 Wire Braid										
R17-10	10.1017.10	DN16	5/8"	-10	15.9	24.2	<b>21.0</b> 3000	<b>84.0</b> 12000	102	0.51
R17-12	10.1017.12	DN19	3/4"	-12	19.0	28.2	<b>21.0</b> 3000	<b>84.0</b> 12000	122	0.63
R17-16	10.1017.16	DN25	1"	-16	25.4	35.6	<b>21.0</b> 3000	<b>84.0</b> 12000	152	1.00

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

**REINFORCEMENT:** 1 high tensile steel wire braid on sizes 1/4", 5/16", 3/8" and 1/2" and 2 braids on sizes 5/8", 3/4" and 1"

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

**SAFETY FACTOR:** 4:1

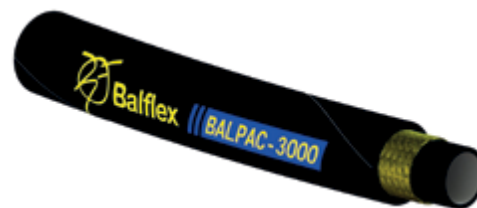
**TEMPERATURE RANGE:** -40°C (-40°F) +100°C (+212°F); Intermittent service: +120°C (+248°F) Max. temperature recommended for water base hydraulic fluids: +70°C (+158°F) Max. temperature recommended for air: +60°C (+140°F)

**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 - 3000 SAE 100R17 / DIN EN 857 - 1SC / ISO 11237 - DN6 - 1/4" - WP 22.5 MPa 3300 PSI - Flame Resistant - MSHA IC-252/00**

# BALPAC 3000



DIN EN 857 1SC / ISO 11237 – 10.1018.

High pressure, single steel braid reinforced hydraulic hose

REFERENCE	#	DN	inch	SAE Dash	ID mm	OD mm	MPa PSI	MPa PSI	MIN BEND RAD mm	KG kg/m
1SC-10	10.1018.10	DN16	5/8"	-10	15.9	22.6	<b>13.0</b> 1900	<b>52.0</b> 7600	200	0.73
1SC-12	10.1018.12	DN19	3/4"	-12	19.0	26.2	<b>10.5</b> 1600	<b>42.0</b> 6400	240	0.94
1SC-16	10.1018.16	DN25	1"	-16	25.4	33.6	<b>8.8</b> 1300	<b>35.2</b> 5200	300	1.49

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

**REINFORCEMENT:** 1 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 - 3000 DIN EN 857 - 1SC / ISO 11237 - DN16 - 5/8" - WP 13 MPa 1900 PSI - Flame Resistant - MSHA IC-252/00**