

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	26.0 / 3800	104.0 / 15200	51	0.22
R17-05	10.1017.05	DN8	5/16"	-5	8.0	13.8	26.0 / 3800	104.0 / 15200	60	0.27
R17-06	10.1017.06	DN10	3/8"	-6	9.5	16.2	25.0 / 3625	100.0 / 14500	64	0.34
R17-08	10.1017.08	DN12	1/2"	-8	12.7	19.4	21.0 / 3000	84.0 / 12000	89	0.42
2 Wire Braid										
R17-10	10.1017.10	DN16	5/8"	-10	15.9	24.2	21.0 / 3000	84.0 / 12000	102	0.51
R17-12	10.1017.12	DN19	3/4"	-12	19.0	28.2	21.0 / 3000	84.0 / 12000	122	0.63
R17-16	10.1017.16	DN25	1"	-16	25.4	35.6	21.0 / 3000	84.0 / 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 (Arctic) / Tough Cover (Armourguard)

BALFLEX / BALPAC 3000 1SC-4K EXCEEDS SAE 100R17 / DIN EN 857 - 1SC ISO 11237 / ISO 18752 TYPE BC DN6 - 1/4" - WP 26 MPa 3800 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	17.5 / 2540	70.0 / 10160	150	0.73
1SC-12	10.1018.12	DN19	3/4"	-12	19,0	26,2	13.5 / 1960	54.0 / 7840	180	0.94
1SC-16	10.1018.16	DN25	1"	-16	25,4	33,6	11.0 / 1595	44.0 / 6380	230	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 (Arctic) / Tough Cover (Armourguard)

BALFLEX / BALPAC - 3000 DIN EN 857 - 1SC / ISO 11237 - DN16 - 5/8" - WP 17.5 MPa 2540 PSI - Flame Resistant - MSHA IC-252/00