

PH174 – 2 W/B BCS

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Application

High Pressure Hydraulic Lines 115 to 450 bar For use with petroleum, synthetic or water based fluids in Hydraulic systems Specially made as per British coal 174 specification and to be used in underground mining equipments machines and roof support systems. Also, in long wall mining applications



Code	Dash size	DN	Hose I.D. (Nom.)		Hose O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
Part#			inch	mm	inch	mm	psi	bar	psi	bar	mm	inch
PH174-4	-4	6	1/4	6.4	0.67	17.0	6525	450	26100	1800	100	4.00
PH174-6	-6	10	3/8	9.5	0.83	21.2	5510	380	22040	1520	130	5.00
PH174-8	-8	12	1/2	12.7	1.04	26.4	5300	362	21200	1460	150	6.00
PH174-10	-10	16	5/8	16.0	1.17	29.8	4060	280	16240	1120	190	7.60
PH174-12	-12	20	3/4	19.0	1.33	33.7	4000	276	16000	1100	230	9.00
PH174-16	-16	25	1	25.4	1.60	40.7	3150	215	12600	880	300	12.00
PH174-20	-20	32	1.1/4	31.8	1.87	47.5	2500	172	10000	700	380	15.20
PH174-24	-24	38	1.1/2	38.1	2.13	54.1	2150	146	8600	600	450	18.00



PH174-	-32	50	2	50.8	2.63	66.8	1650	112	6600	460	600	24.00
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* DGMS Approved.

Applicable Standard:

Standard: BCS 174 – 1992

Construction:

Core: Oil and Water resistant Synthetic rubber

Reinforcement: Double high tensile steel wire braids

Cover: Black Color, Synthetic rubber resistant to oil, weather, abrasion and resistance to flame

Temperature Range:

Continuous: -40°C to +120°C

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