

PH 174 - BCS

Applicable Standard : BCS 174 - 1992



Construction

Core Black colour, Synthetic rubber resistant to oil and water

Reinforcement Double high tensile steel wire braids

Cover Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone

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

Note: 5/8" not covered under BCS 174. DGMS approved

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH174-04	-04	06	1/4	6.3	0.67	17.0	6525	450	26100	1800	3.9	100	0.504
PH174-06	-06	10	3/8	9.5	0.84	21.4	5510	380	22040	1520	5.1	130	0.712
PH174-08	-08	12	1/2	12.7	1.04	26.4	5295	365	21025	1450	5.9	150	0.977
PH174-10	-10	16	5/8	16.0	1.18	30.0	4060	280	16240	1120	7.5	190	1.300
PH174-12	-12	20	3/4	19.0	1.32	33.6	4060	280	16025	1105	9.1	230	1.514
PH174-16	-16	25	1	25.4	1.60	40.6	3120	215	12470	860	11.8	300	1.756
PH174-20	-20	31	1.1/4	31.7	1.87	47.5	2540	175	10005	690	15.0	380	2.090
PH174-24	-24	38	1.1/2	38.4	2.13	54.1	2175	150	8485	585	17.7	450	2.763
PH174-32	-32	51	2	51.1	2.63	66.8	1670	115	6525	450	23.6	600	3.541



Temperature Range: Continuous: -40°C to +100°C Intermittent: +120°C