

PH194 – R18 Low Temperature

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Application

Constant Pressure Hydraulic Lines 210 bar.

Suitable for Hydraulic application with low temperature requirements and abrasion resistance. For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural machinery, Earhmoving, Cold storage material handling equipments and systems. Can be used for industrial gases and other applications, please consult manufacturer. Our Part# PH195 available, for electrical non-conductive construction.



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
PH194-3	-3	5	3/16	4.8	0.405	10.28	3000	210	12000	840	30	1.2
PH194-4	-4	6	1/4	6.4	0.490	12.4	3000	210	12000	840	45	1.8
PH194-5	-5	8	5/16	8.0	0.560	14.2	3000	210	12000	840	50	2.0
PH194-6	-6	10	3/8	9.5	0.650	16.6	3000	210	12000	840	75	3.0
PH194-8	-8	12	1/2	12.7	0.890	22.5	3000	210	12000	840	90	3.6
PH194-10	-10	16	5/8	16.0	1.000	25.4	3000	210	12000	840	120	4.8
PH194-12	-12	20	3/4	19.0	1.240	31.5	3000	210	12000	840	150	6.0
PH194-16	-16	25	1	25.4	1.560	39.62	3000	210	12000	840	250	10.0

Please specify our part nos. as PH195 for electrical non-conductive application – Orange color cover.

Applicable Standard:

Standard: Exceeds SAE 100 R18

Construction:

Core: Thermoplastic Elastomer

Reinforcement: 1 or 2 braids of synthetic fibre.

Cover: Black color, Pin Pricked special polyster elastomer. Available twin and multi lines with different hose combination and size. Also, special colors up on request.

Temperature Range:

Continuous: -55°C to +100°C Temp. not to exceed +70°C for air and water based fluids.

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