

## PH194 – R18



Application	Constant pressure hydraulic lines 210 PSI. Suitable for hydraulic applications with low temperature requirements and abrasion resistance. For use with petroleum, synthetic or water based fluids in hydraulic systems. Suitable for agricultural machinery, earthmoving, cold storage material handling equipment and systems. Can be used for industrial gases and other applications but please consult manufacturer. Our part# PH195 available, for electrical non-conductive construction.		
Applicable Standard	Exceeds SAE 100 R18		
Construction	Core	Thermoplastic elastomer	
	Reinforcement	1 or 2 braids of synthetic fibre cover	
	Cover	Black colour – polyurethane, pin pricked. Available in twin and multi lines with different hose combination and size. Available in special colours upon request.	
Temperature Range	-55°C to + 100°C. Temperature not to exceed +70°C for air and water based fluids.		

Part No.	Dash Size	DN	Hose ID (Nom.)		Hose OD (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			Inch	mm.	Inch	mm.	PSI	Bar	PSI	Bar	Inch	mm.
PH194-3	-3	5	3/16	4.8	0.380	9.6	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	9.6	0.650	16.6	3000	210	12000	840	75	3.0
PH194-8	-8	12	1/2	12.8	0.890	22.5	3000	210	12000	840	90	3.6
PH194-10	-10	16	5/8	16.1	1.000	25.4	3000	210	12000	840	120	4.8
PH194-12	-12	20	3/4	19.2	1.240	31.5	3000	210	12000	840	150	6.0
PH194-16	-16	25	1	25.5	1.590	40.4	3000	210	12000	840	250	10.0