

PH154 – R2AT/ 2SN

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Application

High Pressure Hydraulic Lines 80 to 415 bar and requires compact outer dia. For use with petroleum, synthetic or water based fluids in Hydraulic systems Suitable for Agricultural, Earthmoving & Material handling equipments and machineries/systems.



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
PH154-3	-3	5	3/16	4.8	0.55	14.0	6010	415	24040	1660	90	3.60
PH154-4	-4	6	1/4	6.4	0.59	15.0	5800	400	23200	1600	100	4.00
PH154-5	-5	8	5/16	8.0	0.65	16.5	5075	350	20300	1400	115	4.60
PH154-6	-6	10	3/8	9.5	0.74	18.8	4800	330	19200	1320	130	5.20
PH154-8	-8	12	1/2	12.7	0.87	22.0	4000	276	16000	1104	180	7.20
PH154-10	-10	16	5/8	16.0	0.99	25.2	3625	250	14500	1000	200	8.00
PH154-12	-12	20	3/4	19.0	1.15	29.2	3100	215	12400	860	240	9.50
PH154-16	-16	25	1	25.4	1.48	37.6	2400	165	9600	660	300	12.00



PH154- 20	-20	32	1.1/4	31.8	1.87	47.5	1800	125	7200	500	420	16.60
PH154- 24	-24	38	1.1/2	38.1	2.14	54.3	1300	90	5200	360	500	19.70
PH154- 32	-32	50	2	50.8	2.50	67.0	1160	80	4640	320	630	24.80
PH154- 40	-40	63	2.1/2	63.5	3.27	83.0	1015	70	4060	280	760	30.40
PH154- 48	-48	75	3	76.2	3.78	96.0	798	55	3192	220	900	36.00

* Use part nos. PH554 for low temperature application; PH254 for MSHA Cover; PH256 for high temperature.

Applicable Standard:

Standard: SAE J517 – 100 R2 / EN 853-2SN

Construction:

Core: Oil & water resistant Synthetic rubber

Reinforcement: Double steel wire braids

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

Temperature Range:

Continuous: -40°C to +120°C

Impulse Cycles : 200,000

Tested upto: 400,000 cycles,upto 1" I.D.

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