

# PH146 – R5

 [polyhose.com/products/rubber-hose/ph146-r5/](https://polyhose.com/products/rubber-hose/ph146-r5/)

## Application

MEDIUM Pressure Hydraulic Lines 25 to 210 bar.

For use with fluids in Hydraulic systems Can also be used in air and water. 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
PH146-4	-4	5	3/16	4.8	0.51	13.0	3045	210	12000	840	75	3.00
PH146-5	-5	6	1/4	6.4	0.58	14.7	3045	210	12000	840	85	3.40
PH146-6	-6	8	5/16	8.0	0.67	17.0	2250	155	9000	620	100	4.00
PH146-8	-8	10	13/32	10.5	0.76	19.2	2030	140	8000	560	115	4.60
PH146-10	-10	12	1/2	12.7	0.91	23.1	1750	120	7000	480	140	5.60
PH146-12	-12	16	5/8	16.0	1.06	27.2	1500	105	6000	420	165	6.60
PH146-16	-16	22	7/8	22.2	1.22	31.2	800	55	3200	220	185	7.40
PH146-20	-20	30	1.1/8	28.6	1.50	38.0	650	45	2600	180	230	9.20



PH146- 24	-24	35	1.3/8	35.0	1.74	44.3	500	35	2000	140	265	10.60
PH146- 32	-32	45	1.13/16	46.0	2.20	56.0	350	25	1400	100	335	13.40

R5 Hose with rubber cover available, refer Polyhose.

Applicable Standard:

**Standard:** SAE J517 – 100 R5

Construction:

**Core:** Oil and Water resistant Synthetic rubber

**Reinforcement:** Single steel wire braid

**Cover:** Black Color, single braid of textile fiber

Temperature Range:

**Continuous:** -40°C to +120°C

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