

# PH353 – R8 2P

 [polyhose.com/products/thermoplastic-hose/ph353-r8-2p/](https://polyhose.com/products/thermoplastic-hose/ph353-r8-2p/)

## Application

High pressure Hydraulic Lines 140 to 350 bar.

Compact, high pressure, light weight, high abrasion resistance and low change in length for use with petroleum, synthetic or water based fluids in Hydraulic Systems Suitable for Agricultural machinery, Earthmoving, Safety, Rescue and material handling equipments. Can be used for industrial gases and other applications, please consult manufacturer.



Code	Dash size	DN	Hose I.D. (Nom.)		Hose O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			inch	mm	inch	mm	psi	bar	psi	bar	inch	bar
PH353-3	-3	5	3/16	4.8	0.490	12.4	5000	350	20000	1400	40	1.6
PH353-4	-4	6	1/4	6.4	0.635	16.1	5000	350	20000	1400	45	1.8
PH353-5	-5	8	5/16	8.0	0.660	16.7	4250	290	17000	1160	55	2.2
PH353-6	-6	10	3/8	9.5	0.730	18.5	4000	280	16000	1120	65	2.6
PH353-8	-8	12	1/2	12.7	0.890	22.6	3500	245	14000	980	77	3.1
PH353-10	-10	16	5/8	16.0	1.010	25.6	2750	190	11000	760	100	4.0
PH353-12	-12	20	3/4	19.0	1.125	28.57	2250	155	9000	620	140	5.6
PH353-16	-16	25	1	25.4	1.410	35.81	2000	140	8000	560	200	8.0

Applicable Standard:

**Standard:** SAE 100 R8 / EN 855.

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Construction:

**Core:** Thermoplastic Elastomer

**Reinforcement:** 2 Braids of Synthetic Fibre

**Cover:** Black color pin pricked Polyurethane, Available Twin & Multi lines with different hose combination and size. Also special colors up on request.

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Temperature Range:

**Continuous:** -40°C to +100°C Temp not to exceed +70°C for Air and water based fluids.

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