

PH353 - R8 2P

APPLICABLE STANDARD

SAE 100 R8 / EN 855

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

TEMPERATURE RANGE

-40°C to +100°C
 Temp. not to exceed +70°C for Air and Water based fluids

APPLICATION

HIGH Pressure Hydraulic Lines 140 to 350 bar Compact, high pressure, light weight and low change in length Suitable for hydraulic application with increased resistance to abrasion 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	
			(In.)	(mm)	(In.)	(mm)	(psi)	(Bar)	(psi)	(Bar)	(mm)	(In.)
Part #												
PH353-3	-3	5	3/16	4.8	0.490	12.4	5,000	350	20,000	1,400	40	1.6
PH353-4	-4	6	1/4	6.4	0.635	16.1	5,000	350	20,000	1,400	45	1.8
PH353-5	-5	8	5/16	8.0	0.660	16.7	4,250	290	17,000	1,160	55	2.2
PH353-6	-6	10	3/8	9.6	0.730	18.5	4,000	280	16,000	1,120	65	2.6
PH353-8	-8	12	1/2	12.8	0.890	22.6	3,500	245	14,000	980	77	3.1
PH353-10	-10	16	5/8	16.1	1.010	25.6	2,750	190	11,000	760	100	4.0
PH353-12	-12	20	3/4	19.2	1.140	28.9	2,250	155	9,000	620	140	5.6
PH353-16	-16	25	1	25.5	1.420	36.1	2,000	140	8,000	560	200	8.0



PH354 - Micro Bore

APPLICATION

VERY high pressure mini Hydraulic Lines 250 to 630 bar Suitable for hydraulic application with increased resistance to abrasion For use with petroleum, synthetic or water based fluids in Hydraulic systems Pressure test equipments and test points, general mini hydraulic equipments Automotive roof and boot opening system and truck's cab lifting systems

Code	Dash Size	DN	Hose I.D. (Nom.)		Hose O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			(In.)	(mm)	(In.)	(mm)	(psi)	(Bar)	(psi)	(Bar)	(mm)	(In.)
Part #												
PH354-3			1/8	3.0	0.256	6.5	3,600	250	14,400	1,000	20	0.8
PH355-2			5/64	2.0	0.197	5.0	9,100	630	27,300	1,890	20	0.8
PH355-3			1/8	3.0	0.236	6.0	9,100	630	27,300	1,890	30	1.2
PH355-4			5/32	4.0	0.315	8.0	9,100	630	27,300	1,890	40	1.6

APPLICABLE STANDARD

Polyhose proprietary product

CONSTRUCTION

Core: Thermoplastic Elastomer
 Reinforcement
 PH354 - Single braid of synthetic fiber
 PH355 - Single braid of aramid fiber
 Cover: Black Color, Polyurethane and pin pricked up on request
 Available with polyamide 12 as core and cover

TEMPERATURE RANGE

-40°C to +100°C
 Temp. not to exceed +70°C for Air and Water based fluids

