

HHPL

Hosur Hydraulics Private Limited



Polyhose
Providing Flexible Solutions Globally

Polymatic
PNEUMATIC SOLUTIONS



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ABOUT US

Hosur Hydraulics Private Limited is a specialized provider of premium hydraulic, thermoplastic, and industrial hose solutions, headquartered in Hosur, Tamil Nadu. As an authorized branch of **Polyhose India Pvt. Ltd.**, we leverage global expertise and cutting-edge manufacturing techniques to deliver high-quality products that meet the stringent demands of various industries.

Since our inception, we have built a robust presence in the market, catering to industries such as automotive, manufacturing, and aerospace with a commitment to excellence. Our state-of-the-art facilities include advanced hose crimping and testing capabilities, ensuring every product we deliver is of the highest standard.

At Hosur Hydraulics, we are proud to uphold the legacy of Polyhose, a world-renowned industrial conglomerate. Our collaboration with Polyhose allows us to offer an extensive range of solutions, backed by a deep understanding of fluid conveyance technologies and stringent quality controls.

Additionally, we represent **Polymatic Pneumatic India Pvt. Ltd.**, a leader in advanced pneumatic systems. Their precision-engineered pneumatic components, actuators, and air treatment units complement our offerings, providing reliable and efficient solutions for diverse industrial applications.

We are dedicated to forging long-term partnerships with our clients by consistently delivering products that exceed expectations. Our extensive product portfolio, combined with our technical expertise, positions us as a preferred supplier to industry leaders in the region.

Hosur Hydraulics is committed to:

- Providing high-performance solutions tailored to customer needs.
- Ensuring timely delivery and competitive pricing.
- Upholding the highest standards of quality and reliability.
- Fostering collaborative relationships with strategic customers.



With a **Global Network** and local presence,

we are ready to **Support Your Business**

with the best-in-class **Hydraulic and Pneumatic Solutions.**

PH253 - R1AT / 1SN

Applicable Standard : SAEJ517-100R1AT / EN 853-1SN / ISO 1436

Construction

Inner tube Black colour, Synthetic rubber resistant to oil and water

Reinforcement Single steel wire braid

Cover Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone. Available in Wrap and Smooth finish*

Application Medium Pressure Hydraulic Lines 10 to 250 bar. For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Earthmoving & Material handling equipment and machineries/systems



Cover options	Temperature usage option
PH253 : MSHA	PH553 : Low temperature -55°C to + 100°C
PH248 : HARDX MSHA	PH255 : High temperature MSHA cover -40°C to +135°C
PH298 : ABRAZONX MSHA	PH291 : Ultra high temperature MSHA cover -40°C to +150°C
Note : Sizes 2-1/2" to 4" are not covered under SAEJ517-100R1AT/EN 853-1SN	

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH253-03	-03	05	3/16	5.1	0.45	11.5	3625	250	14500	1000	3.5	90	0.205
PH253-04	-04	06	1/4	6.7	0.52	13.1	3265	225	13050	900	3.9	100	0.262
PH253-05	-05	08	5/16	8.2	0.58	14.7	3120	215	12470	860	4.5	115	0.283
PH253-06	-06	10	3/8	9.8	0.67	17.1	2610	180	10440	720	4.9	125	0.383
PH253-08	-08	12	1/2	13.1	0.80	20.2	2320	160	9280	640	7.1	180	0.438
PH253-10	-10	16	5/8	16.2	0.92	23.3	1885	130	7540	520	7.9	200	0.536
PH253-12	-12	19	3/4	19.3	1.07	27.3	1525	105	6090	420	9.4	240	0.675
PH253-16	-16	25	1	25.9	1.39	35.3	1305	90	5150	355	11.8	300	1.008
PH253-20	-20	31	1.1/4	32.4	1.69	43.0	945	65	3700	255	16.5	420	1.443
PH253-24	-24	38	1.1/2	38.7	1.97	50.1	725	50	2900	200	19.7	500	1.735
PH253-32	-32	51	2	51.3	2.50	63.4	580	40	2320	160	24.8	630	2.352
PH253-40	-40	63	2.1/2	63.5	2.99	76.0	580	40	2105	145	29.9	760	2.640
PH253-48	-48	76	3	76.2	3.56	90.5	510	35	2030	140	35.4	900	3.798
PH253-64	-64	100	4	101.6	4.61	117.0	145	10	580	40	46.1	1170	4.928



Temperature Range: Continuous: -40°C to +100°C Intermittent: +120°C
Impulse Cycles: 150,000; Tested upto 300,000 cycles, upto 1" I.D

PH278 - 4SH

Applicable Standard : EN 856 - 4SH / ISO 3862

Construction

Inner tube Black colour, Synthetic rubber resistant to oil and water

Reinforcement Four high tensile steel wire spirals

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

Application Extra high pressure Hydraulic Lines 250 to 420 bar and hydrostatic transmission lines for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Earthmoving & Material handling equipment and machineries/systems



Cover options
PH278 : MSHA
PH220 : HARDX MSHA
PH289 : ABRAZONX MSHA

Item Code	Dash Size	DN	ID		RI OD		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH278-12	-12	19	3/4	19.4	1.12	28.4	1.27	32.2	6090	420	24360	1680	11.02	280	1.605
PH278-16	-16	25	1	25.9	1.40	35.5	1.52	38.7	5510	380	22040	1520	13.39	340	2.277
PH278-20	-20	31	1.1/4	32.5	1.65	41.9	1.79	45.5	5075	350	20300	1400	18.11	460	2.671
PH278-24	-24	38	1.1/2	38.7	1.92	48.8	2.11	53.5	4350	300	17400	1200	22.05	560	3.566
PH278-32	-32	51	2	51.3	2.49	63.2	2.68	68.1	3625	250	14500	1000	27.56	700	5.132



Temperature Range: Continuous: -40°C to +100°C Intermittent: +120°C
Impulse cycles: 400,000 cycles

PH254 - R2 AT / 2SN

Applicable Standard : SAE J517-100 R2AT / EN 853-2SN / ISO 1436

Construction

Inner tube Black colour, Synthetic rubber resistant to oil and water

Reinforcement Double steel wire braids

Cover Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone. Available in Wrap and Smooth finish*

Application High Pressure Hydraulic Lines 50 to 415 bar. For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Earthmoving & Material handling equipment and machineries/systems



Cover options	Temperature usage option
PH254 : MSHA	PH554 : Low temperature -55°C to +100°C
PH249 : HARDX MSHA	PH256 : High temperature MSHA cover -40°C to +135°C
PH299 : ABRAZONX MSHA	PH292 : Ultra high temperature MSHA cover -40°C to +150°C
Note : Sizes 3" to 4" are not covered under SAEJ517-100R1AT/EN 853-2SN	

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH254-03	-03	05	3/16	5.1	0.52	13.1	6020	415	24070	1660	3.5	90	0.319
PH254-04	-04	06	1/4	6.7	0.58	14.7	5800	400	23200	1600	3.9	100	0.386
PH254-05	-05	08	5/16	8.2	0.64	16.3	5075	350	20300	1400	4.5	115	0.458
PH254-06	-06	10	3/8	9.8	0.74	18.7	4785	330	19140	1320	4.9	125	0.590
PH254-08	-08	12	1/2	13.1	0.86	21.8	3990	275	15950	1100	7.1	180	0.679
PH254-10	-10	16	5/8	16.2	0.98	25.0	3625	250	14500	1000	7.9	200	0.825
PH254-12	-12	19	3/4	19.3	1.14	28.9	3120	215	12470	860	9.4	240	1.009
PH254-16	-16	25	1	25.9	1.48	37.5	2395	165	9570	660	11.8	300	1.457
PH254-20	-20	31	1.1/4	32.4	1.87	47.6	1815	125	7250	500	16.5	420	2.272
PH254-24	-24	38	1.1/2	38.7	2.13	54.0	1305	90	5220	360	19.7	500	2.620
PH254-32	-32	51	2	51.3	2.63	66.7	1160	80	4640	320	24.8	630	3.381
PH254-40	-40	63	2.1/2	63.5	3.15	80.0	1015	70	4060	280	29.9	760	4.443
PH254-48	-48	76	3	76.2	3.68	93.4	800	55	3190	220	35.4	900	5.459
PH254-64	-64	100	4	101.6	4.67	118.5	725	50	2900	200	46.5	1180	5.887



Temperature Range: Continuous: -40°C to +100°C Intermittent: +120°C

Impulse Cycles: 200,000; Tested upto 400,000 cycles, upto 1" I.D

PH442 FUEL DISPENSING HOSE - HARD WALL

Applicable Standard : EN 1360 Type 3

Construction

Inner tube Black colour, Synthetic rubber resistant to petrol and diesel fuel

Reinforcement Single steel wire braid

Cover Black Colour, synthetic rubber resistant to fuel and weather. Available in Wrap and Smooth finish*

Colour option Blue and Green available on request

Application Petrol and diesel fuel dispensing lines of pressure 235 psi



Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH442-10	-10	16	5/8	16.0	1.00	25.3	235	16	700	48	3.1	80	0.590
PH442-12	-12	19	3/4	19.0	1.07	27.2	235	16	700	48	3.9	100	0.661
PH442-16	-16	25	1	25.0	1.30	33.0	235	16	700	48	5.9	150	0.657



Temperature Range: Continuous: -30°C to +55°C

Electrical resistance max: 1×10^2 ohms

PH277 - 4SP

Applicable Standard : EN 856 - 4SP / ISO 3862

Construction

Inner tube Black colour, Synthetic rubber resistant to oil and water

Reinforcement Four high tensile steel wire spirals

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

Application Medium pressure Hydraulic Lines 165 to 450 bar and hydrostatic transmission lines for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Earthmoving & Material handling equipment and machineries/systems



Cover options
PH277 : MSHA
PH219 : HARDX MSHA
PH205 : ABRAZONX MSHA

Item Code	Dash Size	DN	ID		RI OD		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH277-04	-04	06	1/4	6.6	0.58	14.7	0.70	17.9	6525	450	26100	1800	5.91	150	0.627
PH277-06	-06	10	3/8	9.7	0.69	17.5	0.84	21.4	6455	445	25810	1780	7.09	180	0.822
PH277-08	-08	12	1/2	13.0	0.80	20.4	0.97	24.6	6020	415	24070	1660	9.06	230	0.994
PH277-10	-10	16	5/8	16.2	0.94	23.8	1.11	28.2	5075	350	20300	1400	9.84	250	1.222
PH277-12	-12	19	3/4	19.3	1.12	28.4	1.27	32.2	5510	380	22040	1520	11.81	300	1.605
PH277-16	-16	25	1	25.9	1.40	35.5	1.56	39.7	4640	320	18560	1280	13.39	340	2.277
PH277-20	-20	31	1.1/4	32.4	1.81	46.0	2.00	50.8	3045	210	12180	840	18.11	460	3.368
PH277-24	-24	38	1.1/2	38.6	2.06	52.4	2.25	57.2	2685	185	10730	740	22.05	560	3.911
PH277-32	-32	51	2	51.3	2.57	65.3	2.75	69.8	2395	165	9570	660	25.98	660	5.185



Temperature Range: Continuous: -40°C to +100°C Intermittent: +120°C
Impulse cycles: 400,000 cycles

PH472 - STEAM 2 W/B

Applicable Standard : Exceeds IS 10655 TYPE 3/ ISO 6134 TYPE 2A/
BS 5342 TYPE 2A

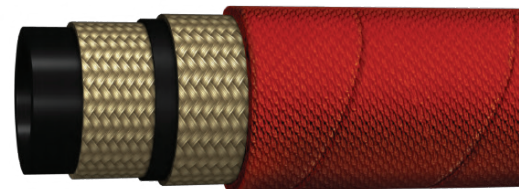
Construction

Inner tube Black colour, EPDM rubber resistant to high temperature steam

Reinforcement Double steel wire Braids

Cover Red Colour, EPDM rubber resistant to heat and weather. Black colour option available on request

Application High temperature steam Lines at constant pressure of 290 psi



Cover options
PH482 : Oil resistance outer cover conforms ISO 6134 Type 2B/BS 5342 Type 2B

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH472-06	-06	10	3/8	10.0	0.77	19.5	260	18	2610	180	5.1	130	0.421
PH472-08	-08	12	1/2	12.5	0.91	23.0	260	18	2610	180	5.9	150	0.589
PH472-12	-12	19	3/4	19.0	1.18	30.0	260	18	2610	180	9.1	230	0.846
PH472-16	-16	25	1	25.4	1.45	36.8	260	18	2610	180	11.8	300	1.095
PH472-20	-20	32	1.1/4	31.5	1.71	43.5	260	18	2610	180	14.8	375	1.505
PH472-24	-24	38	1.1/2	38.0	1.95	49.5	260	18	2610	180	17.9	455	1.780
PH472-32	-32	51	2	51.0	2.52	64.0	260	18	2610	180	23.6	600	2.261
PH472-40	-40	63	2.1/2	63.0	3.27	83.0	260	18	2610	180	26.6	675	4.214
PH472-48	-48	76	3	76.0	3.86	98.0	260	18	2610	180	28.5	725	4.962



Temperature Range: Continuous: Up to +230°C Steam

PH146 - R5

Applicable Standard : SAE J517 - 100 R5

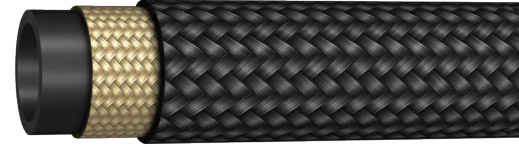
Construction

Inner tube Black colour, Synthetic rubber resistant to oil and water

Reinforcement Single steel wire braid

Cover Black Colour, single braid of textile fiber

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 equipment and machineries / systems



Cover options

PH141 : Rubber

2", 2-1/2", 3" are not covered under SAE 100R5

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W kg/m
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	
PH146-04	-04	05	3/16	5.1	0.52	13.2	3045	210	12180	840	3.0	75	0.228
PH146-05	-05	06	1/4	6.8	0.58	14.8	3045	210	12180	840	3.3	85	0.281
PH146-06	-06	08	5/16	8.3	0.68	17.15	2320	160	9135	630	3.9	100	0.343
PH146-08	-08	10	13/32	10.7	0.77	19.45	2030	140	8120	560	4.5	115	0.405
PH146-10	-10	12	1/2	13.2	0.92	23.4	1815	125	7105	490	5.5	140	0.549
PH146-12	-12	16	5/8	16.4	1.08	27.4	1525	105	6090	420	6.5	165	0.702
PH146-16	-16	22	7/8	22.7	1.24	31.4	870	60	3265	225	7.3	185	0.702
PH146-20	-20	30	1.1/8	29.2	1.50	38.1	655	45	2540	175	9.1	230	0.905
PH146-24	-24	35	1.3/8	35.5	1.75	44.45	510	35	2030	140	10.4	265	1.295
PH146-32	-32	45	1.13/16	46.6	2.22	56.4	365	25	1450	100	13.2	335	1.572
PH146-32	-32	51	2	51.0	2.48	63.0	365	25	1450	100	24.0	610	1.819
PH146-40	-40	60	2.3/8	61.1	2.87	73.0	365	25	1450	100	24.0	610	2.320
PH146-40	-40	63	2.1/2	63.5	2.95	75.0	510	35	2030	140	29.5	750	2.220
PH146-48	-48	76	3	76.0	3.50	89.0	510	35	2030	140	35.4	900	2.745



Temperature Range: Continuous: -40°C to +100°C for air application temp should be max +80°C and for water +90°C

PH555 - NON CONDUCTIVE CARBON FREE HOSE

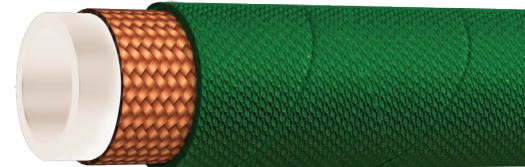
Construction

Inner tube Cream colour, Synthetic rubber

Reinforcement High Tensile Fiber Yarn Braid

Cover Red or Green Colour, Synthetic Rubber Cover resistant to oil, weather and abrasion

Application Electrical Coolant application; Conveying coolants in Furnace, specially designed for Low Leakage Current, leakage current levels less than 15 Micro Amps at 5000V DC



Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W kg/m
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	
PH555-06	-06	10	3/8	9.7	0.75	19.0	290	20	1015	70	3.9	100	0.339
PH555-08	-08	12	1/2	12.7	0.85	21.5	290	20	1015	70	3.9	100	0.367
PH555-10	-10	16	5/8	16.0	1.02	26.0	290	20	1015	70	4.5	115	0.534
PH555-12	-12	19	3/4	20.0	1.22	31.0	290	20	1015	70	4.9	125	0.731
PH555-16	-16	25	1	26.0	1.50	38.0	290	20	1015	70	5.9	150	0.941
PH555-20	-20	31	1.1/4	32.5	1.77	45.0	290	20	1015	70	7.9	200	1.355
PH555-24	-24	38	1.1/2	39.0	2.09	53.0	290	20	1015	70	8.9	225	1.816
PH555-32	-32	51	2	52.0	2.56	65.0	290	20	1015	70	11.8	300	2.476
PH555-48	-48	76	3	76.0	3.68	93.5	290	20	1015	70	17.7	450	3.229
PH555-64	-64	100	4	100.0	4.53	115.0	290	20	1015	70	23.6	600	3.305



Temperature Range: Continuous: -40°C to +100°C

PH147 - R6

Applicable Standard : SAE J517 - 100 R6



Construction

Inner tube Black colour, Synthetic rubber resistant to oil and water

Reinforcement Textile reinforcement

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

Application Very low pressure hydraulic lines 15 to 35 bar for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Stationary equipment and hydraulic systems

Cover options	Temperature usage option	Other option
PH247 : MSHA	PH164 : High temperature -40°C to +135°C PH264 : High temperature MSHA cover -40°C to +135°C PH227 : Ultra high temperature MSHA cover -40°C to +150°C	PH165 : Both inner and outer cover EPDM

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W kg/m
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	
PH147-03	-03	05	3/16	4.8	0.44	11.1	510	35	2030	140	2.0	50	0.119
PH147-04	-04	06	1/4	6.4	0.50	12.7	435	30	1670	115	2.6	65	0.141
PH147-05	-05	08	5/16	8.0	0.56	14.3	435	30	1670	115	3.0	75	0.164
PH147-06	-06	10	3/8	9.5	0.63	15.9	435	30	1670	115	3.0	75	0.175
PH147-08	-08	12	1/2	12.7	0.78	19.8	435	30	1670	115	3.9	100	0.285
PH147-10	-10	16	5/8	15.9	0.91	23.0	365	25	1450	100	4.9	125	0.336
PH147-12	-12	19	3/4	19.1	1.05	26.6	365	25	1235	85	5.9	150	0.413
PH147-14	-14	22	7/8	22	1.22	31.0	290	20	1160	80	7.9	200	0.558
PH147-16	-16	25	1	25.6	1.33	33.8	220	15	870	60	7.9	200	0.605
PH147-20	-20	31	1.1/4	32.2	1.58	40.2	290	20	1160	80	9.8	250	0.739
PH147-24	-24	38	1.1/2	38.0	2.01	51.0	220	15	870	60	15.7	400	1.430

Temperature Range: Continuous: -40°C to +100°C

PH250 - R3

Applicable Standard : SAE J517 - 100 R3



Construction

Inner tube Black colour, Synthetic rubber resistant to oil and water

Reinforcement Double fiber braids

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

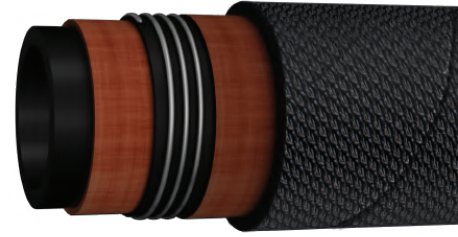
Application Low pressure and impulse hydraulic lines 20 to 105 bar for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Construction & Material handling equipment and machineries/systems

Cover options
PH250 : MSHA
1-1/2" not covered under SAE100R3

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W kg/m
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	
PH250-03	-03	05	3/16	4.9	0.50	12.7	1525	105	6090	420	3.0	75	0.171
PH250-04	-04	06	1/4	6.5	0.56	14.3	1305	90	5075	350	3.0	75	0.186
PH250-05	-05	08	5/16	8.0	0.69	17.5	1235	85	4930	340	3.9	100	0.272
PH250-06	-06	10	3/8	9.6	0.75	19.0	1160	80	4570	315	3.9	100	0.326
PH250-08	-08	12	1/2	12.9	0.94	23.8	1015	70	4060	280	4.9	125	0.456
PH250-10	-10	16	5/8	16.1	1.06	27.0	945	65	3560	245	5.5	140	0.677
PH250-12	-12	19	3/4	19.2	1.25	31.8	800	55	3045	210	5.9	150	0.734
PH250-16	-16	25	1	25.6	1.50	38.1	580	40	2320	160	8.1	205	0.921
PH250-20	-20	31	1.1/4	32.1	1.75	44.5	435	30	1525	105	9.8	250	0.734
PH250-24	-24	38	1.1/2	38.5	2.00	50.8	290	20	1015	70	15.7	400	1.394

Temperature Range: Continuous: -40°C to +100°C Intermittent : +120°C
Impulse cycles: 200,000 cycles

PH601 - WATER SUCTION & DISCHARGE HOSE W.P. 10 BAR



Construction

Inner tube Black colour, Synthetic rubber resistant to water

Reinforcement Plies of synthetic textile cords with steel helix

Cover Black colour, Synthetic rubber, wrapped type, abrasion water resistant

Application Mandrel built heavy duty suction and discharge hose for handling of water, inert fluid, sewerages and waste water, where optimum flexibility is required

Cover options

PH640 : Both inner and outer cover EPDM

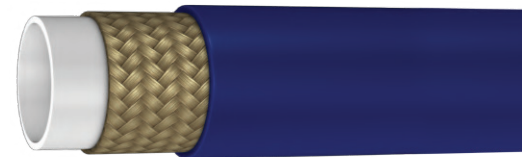
Item Code	Dash Size	ID		OD		WP		BP		V bar	W kg/m
		inch	mm	inch	mm	psi	bar	psi	bar		
PH601-12	-12	3/4	19.0	1.14	29.0	150	10	435	30	0.90	0.69
PH601-16	-16	1	25.0	1.38	35.0	150	10	435	30	0.90	0.80
PH601-20	-20	1.1/4	32.0	1.65	42.0	150	10	435	30	0.90	0.96
PH601-24	-24	1.1/2	38.0	1.89	48.0	150	10	435	30	0.90	1.11
PH601-32	-32	2	51.0	2.44	62.0	150	10	435	30	0.90	1.50
PH601-40	-40	2.1/2	63.0	2.95	75.0	150	10	435	30	0.90	1.96
PH601-48	-48	3	76.0	3.46	88.0	150	10	435	30	0.90	2.40
PH601-56	-56	3.1/2	89.0	4.02	102.0	150	10	435	30	0.90	2.90
PH601-64	-64	4	102.0	4.57	116.0	150	10	435	30	0.90	3.30
PH601-80	-80	5	127.0	5.55	141.0	150	10	435	30	0.90	5.20
PH601-96	-96	6	152.0	6.73	171.0	150	10	435	30	0.80	6.70
PH601-128	-128	8	203.0	8.78	223.0	150	10	435	30	0.70	11.20



Temperature Range: Continuous: -25°C to +70°C

THERMOPLASTIC HOSE

PH342 - PAINT SPRAY - 1W



Construction

Inner tube Polyamide

Reinforcement Single braid of steel wire

Cover Polyurethane, Blue Colour, Pin pricking (Optional)

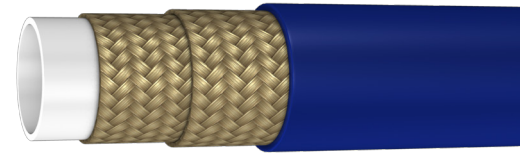
Application Airless paint spray systems for 100 to 350 bar. Suitable for applications requiring chemical resistance to solvents and aggressive fluids. Due to low permeation value of polyamide, the hose is also suitable for industrial gases

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W g/m
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	
PH342-03	-03	05	3/16	4.8	0.380	9.7	5,000	350	20,000	1,400	1.2	30	138
PH342-04	-04	06	1/4	6.4	0.460	11.7	4,650	320	18,600	1,280	1.6	40	180
PH342-05	-05	08	5/16	8.0	0.535	13.6	4,000	275	16,000	1,100	2.0	50	220
PH342-06	-06	10	3/8	9.5	0.600	15.2	3,600	250	14,400	1,000	2.4	60	257
PH342-08	-08	12	1/2	12.7	0.725	18.4	2,750	190	11,000	760	3.0	75	337
PH342-10	-10	16	5/8	16.0	0.875	22.2	2,300	160	9,200	640	4.3	110	450
PH342-12	-12	20	3/4	19.0	1.010	25.7	1,750	120	7,000	480	6.0	150	531
PH342-16	-16	25	1	25.4	1.275	32.4	1,450	100	5,800	400	9.1	230	660



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

PH343 - PAINT SPRAY - 2W



Construction

Inner tube Polyamide

Reinforcement Double braids of steel wire

Cover Polyurethane, Blue Colour, pin pricking (Optional)

Application High pressure airless paint spray systems for 150 to 450 bar. Suitable for applications requiring chemical resistance to solvents and aggressive fluids. Due to low permeation value of polyamide, the hose is also suitable for industrial gases

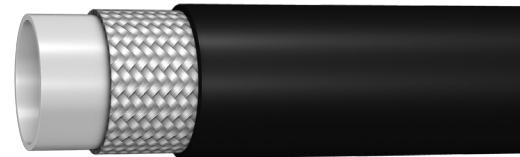
Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH343-04	-04	06	1/4	6.4	0.540	13.7	6,500	450	26,000	1,800	4.0	100	336
PH343-05	-05	08	5/16	8.0	0.600	15.2	5,800	400	23,200	1,600	4.3	110	388
PH343-06	-06	10	3/8	9.5	0.690	17.5	5,500	380	22,000	1,520	5.0	127	483
PH343-08	-08	12	1/2	12.7	0.830	21.1	4,350	300	17,400	1,200	7.0	178	605
PH343-10	-10	16	5/8	16.0	0.975	24.8	3,000	210	12,000	840	8.0	203	803
PH343-12	-12	20	3/4	19.0	1.125	28.6	2,300	160	9,200	640	10.0	250	922
PH343-16	-16	25	1	25.4	1.360	34.5	2,175	150	8,700	600	12.0	305	1092



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

PH148 - MEDIUM PRESSURE HYDRAULIC HOSE - R7

Applicable Standard: SAE 100 R7 / DIN EN ISO 3949



Construction

Inner tube Thermoplastic Elastomer

Reinforcement Single Braid of Synthetic Fiber

Cover Polyurethane, Black Colour, Pin pricked

Application Medium Pressure Hydraulic Lines 70 to 210 bar. 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, Articulating & Telescopic booms and Material handling equipment. Also suitable for industrial gases and other applications. Please consult manufacturer.

Other options

PH151 : Electrical non conductive application, Orange colour cover

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH148-02	-02	03	1/8	3.2	0.320	8.1	3,000	210	12,000	840	1.0	25	57.0
PH148-03	-03	05	3/16	4.8	0.405	10.3	3,000	210	12,000	840	1.0	25	80.0
PH148-04	-04	06	1/4	6.4	0.490	12.4	2,750	190	11,000	760	1.3	32	114.0
PH148-05	-05	08	5/16	8.0	0.560	14.2	2,500	175	10,000	700	1.8	45	142.0
PH148-06	-06	10	3/8	9.5	0.620	15.7	2,250	155	9,000	620	2.2	55	164.0
PH148-08	-08	12	1/2	12.7	0.760	19.3	2,050	140	8,200	560	3.0	77	229.0
PH148-10	-10	16	5/8	16.0	0.910	23.1	1,500	105	6,000	420	4.3	110	295.0
PH148-12	-12	20	3/4	19.0	1.040	26.4	1,300	90	5,200	360	5.5	140	356.0
PH148-16	-16	25	1	25.4	1.310	33.3	1,000	70	4,000	280	8.0	200	504.0
PH148-20	-20	32	1.1/4	31.8	1.654	42.0	1,000	70	4,000	280	12.0	300	737.0



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

PH350 - HIGH PRESSURE JACK HOSE

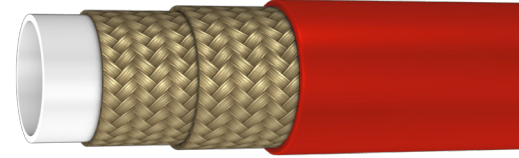
Construction

Inner tube Thermoplastic Elastomer

Reinforcement Double braids of steel wire

Cover Polyurethane, Red orange colour

Application Very High-Pressure hydraulic lines 300 to 700 bar compact, high pressure, light weight, high abrasion resistance and low change in length for use with petroleum, synthetic or water-based fluid in hydraulic systems. Mainly used for rescue, safety equipment, bolt tensioning tools and jacking & re-railing equipment also, suitable for earthmoving and material handling equipment



Note: Available Twin & Multi lines with different Hose combination and size. Also special colours available on request

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W g/m
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	
PH350-04	-04	06	1/4	6.4	0.555	14.1	10,000	700	25,000	1,750	4.0	100	356
PH350-06	-06	10	3/8	9.5	0.690	17.5	10,000	700	21,750	1,500	6.0	150	513
PH350-08	-08	12	1/2	12.7	0.830	21.1	7,250	500	18,125	1,250	8.0	200	678



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

TEFLON HOSE

PH179 - R14

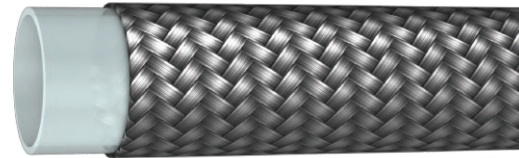
Applicable Standard: SAE J517 - 100R14

Construction

Inner tube Sintered tube of polytetrafluoroethylene (P.T.F.E)

Reinforcement Single braid of 304 series of stainless steel wire

Application P.T.F.E hose has an excellent temperature characteristics both in high and low temperature, Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria



Note: Double braided available for higher performance, please check our part # PH381

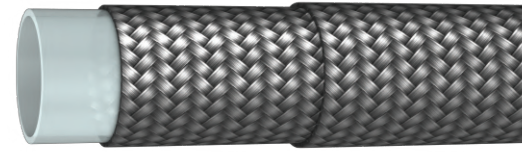
Item Code	Dash Size	WT	ID		OD		WP		BP		BR/r		W g/m
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	
PH179-3	-3	1.00	1/8	3.35	0.252	6.4	3,260	225	13,040	900	1.6	40	65
PH179-4	-4	0.75	3/16	4.83	0.300	7.6	3,000	210	12,000	840	2.0	50	84
PH179-5	-5	0.65	1/4	6.48	0.380	9.7	3,000	210	12,000	840	3.0	75	121
PH179-6	-6	0.75	5/16	8.00	0.440	11.2	2,500	175	10,000	700	4.0	100	163
PH179-7	-7	0.75	3/8	9.65	0.495	12.6	2,400	165	9,600	660	5.0	125	170
PH179-8	-8	0.75	13/32	10.41	0.543	13.8	2,000	140	8,000	560	5.3	135	185
PH179-10	-10	0.75	1/2	12.83	0.650	16.5	1,750	120	7,000	480	6.5	165	234
PH179-12	-12	0.90	5/8	16.00	0.765	19.43	1,270	88	5,080	352	8.0	200	318
PH179-14	-14	0.90	3/4	19.18	0.900	22.9	1,100	75	4,400	300	9.1	230	395
PH179-16	-16	1.00	7/8	22.23	1.030	26.2	900	62	3,600	248	9.1	230	462
PH179-18	-18	1.05	1	25.53	1.148	29.15	900	62	3,600	248	11.8	300	528
PH179-20	-20	1.20	1.1/8	28.58	1.293	32.85	630	44	2,520	176	16.1	410	585



Temperature Range: Continuous: -54°C to +260°C

PH381 - R14 2W

Applicable Standard: Exceeds SAE J517 - 100R14 pressure requirements



Construction

Inner tube Sintered tube of polytetrafluoroethylene (P.T.F.E)

Reinforcement Double braids of 304 series of stainless steel wire

Application P.T.F.E hose has an excellent temperature characteristics both in high and low temperature, Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria

Item Code	Dash Size	WT	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH381-3	-3	1.00	1/8	3.0	0.300	7.6	4,495	310	17,980	1,240	2.0	50	140
PH381-4	-4	0.75	3/16	4.8	0.360	9.1	3,770	260	15,080	1,040	2.6	65	187
PH381-5	-5	0.65	1/4	6.4	0.410	10.4	3,600	250	14,400	1,000	3.8	95	225
PH381-6	-6	0.75	5/16	8.0	0.510	13.0	3,500	245	14,000	980	5.0	125	287
PH381-7	-7	0.75	3/8	9.5	0.565	14.4	3,330	230	13,320	920	6.4	160	336
PH381-8	-8	0.75	13/32	10.5	0.595	15.1	2,750	190	11,000	760	7.0	175	395
PH381-10	-10	0.75	1/2	12.7	0.700	17.8	2,300	160	9,200	640	8.4	210	444
PH381-12	-12	0.90	5/8	16.0	0.855	21.7	1,600	110	6,400	440	10.8	270	583
PH381-14	-14	0.90	3/4	19.0	0.970	24.6	1,380	95	5,520	380	12.0	300	742
PH381-16	-16	1.00	7/8	22.2	1.090	27.7	1,160	80	4,650	320	12.4	310	810
PH381-18	-18	1.05	1	25.4	1.220	31.0	1,080	75	4,320	300	16.8	420	920
PH381-20	-20	1.20	1.1/8	29.0	1.400	35.6	870	60	3,480	240	22.0	550	990



Temperature Range: Continuous: -54°C to +260°C

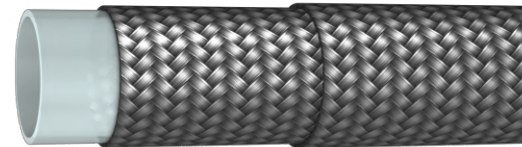
PH382 - PTFE GAS HOSE

Construction

Inner tube Special quality of Sintered tube of polytetrafluoroethylene (P.T.F.E)

Reinforcement Double braids of 304 series of stainless steel wire

Application P.T.F.E hose has an excellent temperature characteristics both in high and low temperature. Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria Transport of cryogenic gases at high pressures



Item Code	Dash Size	WT	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH382-04	-4	1.00	1/4	6.4	0.470	11.9	5,300	365	15,900	1,095	1.6	40	236
PH382-05	-5	1.00	5/16	8.0	0.540	13.7	4,560	315	13,680	945	1.8	45	301
PH382-06	-6	1.00	3/8	9.5	0.580	14.7	4,350	300	13,050	900	2.6	65	353
PH382-08	-8	1.00	1/2	12.7	0.730	18.5	3,840	265	11,520	795	3.0	75	466
PH382-10	-10	1.10	5/8	16.0	0.880	22.4	3,400	235	10,200	705	4.5	115	612
PH382-12	-12	1.25	3/4	19.0	1.030	26.2	2,900	200	8,700	600	9.4	240	779
PH382-16	-16	1.40	1	25.4	1.260	32.0	2,200	150	6,600	450	12.6	320	966



Temperature Range: Continuous: -54°C to +204°C

STANDARD CYLINDERS

TGD SERIES DOUBLE ACTING MAGNETIC CYLINDER-ISO 6431

BORE DIA		STROKE LENGTH
32		From 25mm to 1800mm
40		
50		
63		
80		
100		
125		

TGC-SERIES DOUBLE ACTING STANDARD CYLINDER

BORE DIA		STROKE LENGTH
32		From 25mm to 1800mm
40		
50		
63		
80		
100		
125		
160		
200		
250		

TGU SERIES DOUBLE ACTING MICKY MOUSE CYLINDER

BORE DIA		STROKE LENGTH
32		From 25mm to 1800mm
40		
50		
63		
80		
100		

TGM SERIES DOUBLE ACTING ALUMINIUM MINI CYLINDER

BORE DIA		STROKE LENGTH
16		From 25mm to 800mm
20		
25		
32		
40		

TGL SERIES DOUBLE ACTING MAGNETIC MINI SS CYLINDER - ISO6432

BORE DIA		STROKE LENGTH
8		From 25mm to 800mm
10		
12		
16		
20		
25		
32		

TGN SERIES DOUBLE ACTING COMPACT CYLINDER

BORE DIA		STROKE LENGTH
12		From 5mm to 150mm
16		
20		
25		
32		
40		
50		
63		
80		
100		

ADVU SERIES DOUBLE ACTING COMPACT MAGNETIC CYLINDER

BORE DIA		STROKE LENGTH
16		From 5mm to 150mm
20		
25		
32		
40		
50		
63		
80		

CQ2 SERIES DOUBLE ACTING COMPACT MAGNETIC CYLINDER


BORE DIA		STROKE LENGTH
16		From 5mm to 150mm
20		
25		
32		
40		
50		
60		
80		
100		

SOLENOID VALVE


TG-SERIES 2/2 WAY SERIES SINGLE SOLENOID VALVE

	MODEL	SIZE
	TG22-08	1/4"


TG-SERIES 3/2 WAY SERIES SINGLE SOLENOID VALVE

	MODEL	SIZE
	TG23-06	1/8"
	TG23-08	1/4"


TG-SERIES 3/2 WAY SERIES SINGLE SOLENOID VALVE

	MODEL	SIZE
	TG2321-08	1/4"
	TG2331-10	3/8"
	TG2341-15	1/2"


TG-SERIES 5/2 WAY SINGLE SOLENOID VALVE

	MODEL	SIZE
	TG2511-06	1/8"
	TG2521-08	1/4"
	TG2531-10	3/8"
	TG2541-15	1/2"


TG-SERIES 5/2 WAY DOUBLE SOLENOID VALVE

	MODEL	SIZE
	TG2522-08	1/4"
	TG2532-10	3/8"
	TG2542-15	1/2"


TG SERIES 5/3 WAY DOUBLE SOLENOID VALVE

	MODEL	SIZE
	TG3522-08C	1/4"
	TG3532-10C	3/8"
	TG3542-15C	1/2"

FG SERIES -5/2 WAY SINGLE SOLENOID VALVE


	MODEL	SIZE
	FG2521-08L	1/4"
	FG2531-10L	3/8"
	FG2541-15L	1/2"
	FG2561-20L	3/4"
	FG2581-25L	1"

FG SERIES -5/2 WAY DOUBLE SOLENOID VALVE


	MODEL	SIZE
	FG2522-08L	1/4"
	FG2532-10L	3/8"
	FG2542-15L	1/2"
	FG2562-20L	3/4"
	FG2582-25L	1"

AIR SOURCE TREATMENT UNIT

LF SEIRES FILTER

	MODEL	SIZE
	LF-08	1/4"
LF-10	3/8"	
LF-15	1/2"	


LOE SERIES LUBRICATOR

	MODEL	SIZE
	LOE-08	1/4"
LOE-10	3/8"	
LOE-15	1/2"	


LR SERIES REGULATOR

	MODEL	SIZE
	LR-08	1/4"
LR-10	3/8"	
LR-15	1/2"	


LFC SERIES AIR FILTER REGULATOR + LUBRICATOR

	MODEL	SIZE
	LFC-08	1/4"
LFC-10	3/8"	
LFC-15	1/2"	


LFR SERIES AIR FILTER REGULATOR

	MODEL	SIZE
	LFR-08	1/4"
LFR-10	3/8"	
LFR-15	1/2"	

TW SERIES FILTER REGULATOR

	MODEL	SIZE
	TW2000-02	1/4"
TW2000-02U	1/4"	
TW3000-03	3/8"	
TW4000-04	1/2"	
TW4000-06	3/4"	
TW5000-10	1"	

TC SERIES AIR FILTER REGULATOR+LUBRICATOR

	MODEL	SIZE
	TC2010-02	1/4"
TC2010-02U	1/4"	
TC3010-03	3/8"	
TC4010-04	1/2"	
TC4010-06	3/4"	
TC5010-10	1"	

TR SERIES AIR REGULATOR

	MODEL	SIZE
	TR2000-02	1/4"
TR3000-03	3/8"	
TR4000-04	1/2"	
TR4000-06	3/4"	
TR5000-10	1"	

FITTINGS

MALE CONNECTOR - YPC



MALE ELBOW - YPL



MALE BRANCH TEE - YPB



MALE RUN TEE - YPD



MALE 'Y' CONNECTOR - YPX



FEMALE ELBOW - YPLF



FEMALE CONNECTOR - YPCF



SPEED CONTROLLER - YSC



EQUAL TEE - YPE



EQUAL Y- YPY



EQUAL ELBOW - YPV



PLUG - YPP



EQUAL UNION - YPU



BULK HEAD UNION - YPM



EQUAL CROSS - YPZA



G THREAD FITTINGS

MALE CONNECTOR - PC - G



MALE ELBOW - PL - G



SILENCER

STANDARD SILENCER - BSL



- M5
- 01 - 1/8"
- 02 - 1/4"
- 03 - 3/8"
- 04 - 1/2"
- 06 - 3/4"
- 08 - 1"

**B-TYPE EXHAUST
SILENCER - BESL**



- 01 - 1/8"
- 02 - 1/4"
- 03 - 3/8"
- 04 - 1/2"

FULLY SINTERED BRONZE - BSLD



- 01 - 1/8"
- 02 - 1/4"
- 03 - 3/8"
- 04 - 1/2"
- 06 - 3/4"
- 08 - 1"

BUTTON SILENCER - BSLM



- 01 - 1/8"
- 02 - 1/4"
- 03 - 3/8"
- 04 - 1/2"

PLASTIC SILENCER - PSU



- 01 - 1/8"
- 02 - 1/4"
- 03 - 3/8"
- 04 - 1/2"

PLASTIC SILENCER - PSL



- 01 - 1/8"
- 02 - 1/4"

AIRGUNS

ABG-02B



ABG-06



ABG3020



AIRGUNS

AR-30



DG-10-1-2-3



K601-1



QRC FITTINGS

HOSE SOCKET



SH20
SH30
SH40

MALE SOCKET



SM20
SM30
SM40

FEMALE SOCKET



SF20
SF30
SF40

SOCKET WITH PAGODA COVER



SP20
SP30
SP40

HOSE PLUG



PH20
PH30
PH40

MALE PLUG



PM20
PM30
PM40

FEMALE PLUG



PF20
PF30
PF40

PLUG WITH PAGODA COVER



PP20
PP30
PP40

PU TUBE & PU COIL

PU TUBE



SIZES

4x2	10X6.5
4X2.5	10X8
6X4	12X8
8X5	12x9
8X5.5	12x10
8X6	14x10
10x7	16X12

COLOURS

BLUE, BLACK,
GREEN, RED,
ORANGE,
YELLOW
AND
TRANSPARENT

PU COIL



PU TUBE SIZE

6X4
8X5
8X5.5
10X6.5
12X8
16X12

RECOIL SIZE

3M, 5M,
10M, 15M &
20M

FRL

AIRFILTER REGULATOR WITH LUBRICATOR

	MODEL	SIZE
	AC2010-02F2	1/4"
	AC4010-04F2	1/2"

AIR FILTER REGULATOR

	MODEL	SIZE
	AW2000-02F2	1/4"
	AW4000-04F2	1/2"

AIR REGULATOR


	MODEL	SIZE
	AR2000-02F2	1/4"
	AR4000-04F2	1/2"

SOLENOID VALVE


5/2 WAY SINGLE SOLENOID VALVE

	MODEL	SIZE
	PV5221-08QE4	1/4"

5/2 WAY DOUBLE SOLENOID VALVE

	MODEL	SIZE
	PV5222-08E4	1/4"

5/2 WAY HAND LEVER VALVE

	MODEL	SIZE
	H522-08	1/4"

FITTINGS

MALE CONNECTOR-FPC



MALE ELBOW-FPL



MALE BRANCH TEE-FPB



MALE RUN TEE-FPD



MALE Y CONNECTOR-FPWT



FEMALE CONNECTOR-FPCF



EQUAL TEE-FPE



EQUAL Y-FPY



EQUAL ELBOW-FPV



EQUAL UNION-FPU



EQUAL CROSS-FPZA



FLOW CONTROL IN LINE-FSA



HAND VALVE-EHVFF



FLOW CONTROL VALVE-FSC



UNEQUAL UNION-FPG



HPL

Hosur Hydraulics Private Limited



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