PH360 - PNEUMATIC TOOL HOSE

Applicable Standard: Polyhose Proprietary Product. Exceeds IS 446 1987 Type - 2

Construction

Core	Plasticized PVC, Black
Reinforcement	Double braids of Synthetic fiber
Cover	Thermo-compound, Black colour
Application	Specially designed for various industrial machinery, under ground application, civil construction and others. Such as watering, airline connection, road building, pneumatic tools, etc.

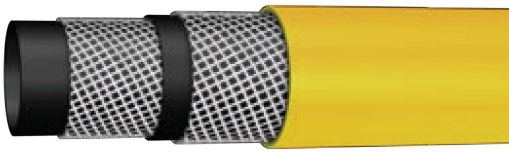
Note : Special colours available on request

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH360-04	-04	06	1/4	6.5	0.510	13.0	290	20	1740	120	1.0	25	145.0
PH360-05	-05	08	5/16	8.0	0.590	15.0	290	20	1740	120	1.2	30	165.0
PH360-06	-06	10	3/8	9.5	0.650	16.5	290	20	1740	120	1.6	40	190.0
PH360-08	-08	12	1/2	12.7	0.827	21.0	290	20	1160	80	2.0	50	300.0
PH360-12	-12	19	3/4	19.0	1.122	28.5	290	20	1160	80	2.8	70	460.0
PH360-16	-16	25	1	25.4	1.358	34.5	290	20	870	60	5.0	125	620.0

Temperature Range: Continuous: -10°C to +60°C

PH361 - SUPER SPRAY HOSE

Polyhose Proprietary Product



Construction

Core	Plasticized PVC, Black
Reinforcement	Double braids of Synthetic fiber
Cover	Thermo-compound, yellow colour
Application	Specially designed for spraying various pesticides,high pressure watering and aerating,etc.

Note : Special colours available on request

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH361-05	-05	08	5/16	8.0	0.602	15.3	580	40	1450	100	1.2	30	153
PH361-06	-06	10	3/8	9.5	0.650	16.5	580	40	1450	100	1.6	40	165

Temperature Range: Continuous: -10°C to +60°C

PH362- WELDING HOSE

Applicable Standard: Polyhose proprietary product exceeds IS 447 1987 - Type 2

Construction

Core	Plasticized PVC, Black
Reinforcement	Single braid of Synthetic fiber
Cover	Hyper Flame Retardant Thermo-compound, Red / Blue Colour
Application	Specially designed for Oxy-acetylene welding and cutting equipments

Note : Special colours available on request

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH362-03	-03	05	3/16	4.8	0.413	10.5	220	15	800	55	0.9	23	105.0
PH362-04	-04	06	1/4	6.5	0.492	12.5	220	15	800	55	1.0	25	125.0
PH362-05	-05	08	5/16	8.0	0.571	14.5	220	15	800	55	1.1	28	155.0
PH362-06	-06	10	3/8	9.5	0.630	16.0	220	15	800	55	1.5	38	180.0
PH362-08	-08	12	1/2	12.7	0.827	21.0	220	15	800	55	2.0	50	250.0

Temperature Range: Continuous: -10°C to +60°C

PH365 - AIR / WATER HOSE

Applicable Standard: Polyhose proprietary product Exceeds IS 446-1980 - Type 3 & IS 446-1980-Type 1

Construction

Core Plasticized PVC, Black

Reinforcement Single braid of Synthetic fiber

Cover Abrasion resistant thermo-compound, black Colour

Application Specially designed for Tyre inflation, light engineering industry and general purpose air line

Note: Special colours available on request

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH365-04	-04	06	1/4	6.5	0.492	12.5	230	16	920	64	2.0	50	125.0
PH365-05	-05	08	5/16	8.0	0.571	14.5	230	16	920	64	3.0	75	155.0
PH365-06	-06	10	3/8	9.5	0.630	16.0	230	16	920	64	4.0	100	180.0
PH365-08	-08	12	1/2	12.7	0.795	20.2	230	16	920	64	4.3	110	260.0
PH365-12	-12	19	3/4	19.0	1.067	27.1	145	10	580	40	5.0	125	400.0
PH365-16	-16	25	1	25.4	1.299	33.0	145	10	580	40	6.0	150	500.0

Temperature Range: Continuous: -10°C to +60°C

PH365L - AIR / WATER - LIGHT DUTY

Polyhose Proprietary Product

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Construction

Core Plasticized PVC, Black

Reinforcement Single braid of Synthetic fiber

Cover Abrasion resistant thermo-compound, black Colour

Application Specially designed for Tyre inflation, light engineering industry and general purpose air line

Note: Special colours available on request

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH365L-04	-04	06	1/4	6.5	0.453	11.5	230	16	920	64	2.4	60	90.0
PH365L-05	-05	08	5/16	8.0	0.530	13.5	230	16	920	64	3.3	85	130.0
PH365L-06	-06	10	3/8	9.5	0.590	15.0	230	16	920	64	4.3	110	150.0
PH365L-08	-08	12	1/2	12.7	0.736	18.7	230	16	920	64	5.1	130	220.0
PH365L-12	-12	19	3/4	19.0	1.024	26.0	145	10	580	40	5.7	145	330.0
PH365L-16	-16	25	1	25.4	1.240	31.5	145	10	580	40	6.7	170	450.0

Temperature Range: Continuous: -10°C to +60°C

PH367 - P.V.C BRAIDED HOSE

Polyhose Proprietary Product

Construction

Core Plasticized PVC, Transparent

Reinforcement Single braid of Synthetic fiber

Cover Thermo-compound, Transparent

Application Factory water supply and drainage equipment.Air and water piping for industrial equipment. special rock drill hose available in regular & heavy duty type

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH367-04	-04	06	1/4	6.5	0.492	12.5	435	30	1740	120	1.2	30	125.0
PH367-05	-05	08	5/16	8.0	0.571	14.5	435	30	1300	90	1.4	35	150.0
PH367-06	-06	10	3/8	9.5	0.630	16.0	435	30	1300	90	1.8	45	180.0
PH367-08	-08	12	1/2	12.7	0.795	20.2	360	25	1090	75	2.2	55	230.0
PH367-10	-10	16	5/8	16.0	0.945	24.0	320	22	1090	75	3.3	85	320.0
PH367-12	-12	20	3/4	19.0	1.063	27.0	320	22	1090	75	4.3	110	380.0
PH367-16	-16	25	1	25.4	1.299	33.0	220	15	725	50	5.3	135	490.0

Temperature Range: Continuous: -10°C to +60°C

PH367L - P.V.C BRAIDED HOSE - LIGHT DUTY

Polyhose Proprietary Product

Construction

Core Plasticized PVC, Transparent

Reinforcement Single braid of Synthetic fiber

Cover Thermo-compound, Transparent

Application Factory water supply and drainage equipment.Air and water piping for industrial equipment

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH367L-04	-04	06	1/4	6.5	0.433	11.0	435	30	920	64	1.6	40	87.0
PH367L-05	-05	08	5/16	8.0	0.512	13.0	435	30	920	64	1.8	45	126.0
PH367L-06	-06	10	3/8	9.5	0.571	14.5	435	30	920	64	2.2	55	146.0
PH367L-08	-08	12	1/2	12.7	0.728	18.5	360	25	920	64	2.6	65	213.0
PH367L-12	-12	19	3/4	19.0	1.004	25.5	320	22	580	40	5.1	130	320.0
PH367L-16	-16	25	1	25.4	1.220	31.0	220	15	580	40	6.1	155	437.0

Temperature Range: Continuous: -10°C to +60°C

PH368 - MUTIPURPOSE HOSE

Polyhose Proprietary Product

Construction

Core Plasticized PVC, Black

Reinforcement Single braid of Synthetic fiber

Cover Abrasion Resistant Thermo-compound, Black Colour

Application Specially designed for spraying various pesticides,high pressure watering and aerating etc,.

Note : Special colours available on request

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH368-04	-04	06	1/4	6.5	0.492	12.5	290	20	870	60	25	1.0	115.0
PH368-05	-05	08	5/16	8.0	0.571	14.5	290	20	870	60	30	1.2	160.0
PH368-06	-06	10	3/8	9.5	0.630	16.0	290	20	870	60	40	1.6	185.0
PH368-08	-08	12	1/2	12.7	0.795	20.2	290	20	870	60	50	2.0	245.0
PH368-12	-12	19	3/4	19.0	1.067	27.1	290	20	870	60	70	2.8	400.0
PH368-16	-16	25	1	25.4	1.299	33.0	290	20	725	50	125	5.0	495.0

Temperature Range: Continuous: -40°C to +60°C

PH801 : POLY - TANKER HOSE

Applicable Standard: EN 13765 TYPE 2

Item Code	Nominal Bore	OD	WP		BR/r
	mm	mm	psi	bar	mm
PH801-32	50	61	100	7	80
PH801-40	65	76	100	7	90
PH801-48	75	88	100	7	125
PH801-64	100	112	100	7	220

Temperature Range: Continuous: -20°C to +80°C

Construction
Hose made from Polypropylene fabric and films with PVC coated fabric cover, inner and outer wires are galvanised MS

Application
Suction and discharge hose specially designed for transfer of petroleum product by Road Tankers, rail Tankers and Loading Gantries

Colour
Black with white strip

PH802 : POLY - OIL HOSE

Applicable Standard: EN 13765 TYPE 2 & AS 2117 TYPE 3 GRADE 1 & 2

Item Code	Nominal Bore	OD	WP		BR/r
	mm	mm	psi	bar	mm
PH802-16	25	38	150	10	90
PH802-24	38	52	150	10	120
PH802-32	50	64	150	10	150
PH802-40	65	52	150	10	180
PH802-48	75	92	150	10	250
PH802-64	100	115	150	10	350

Temperature Range: Continuous: -30°C to +80°C

Construction
Hose made from Polypropylene fabric and films, films with PVC coated fabric cover, inner and outer wires are galvanised MS

Application
Suitable for the suction and discharge transfer of petroleum product in in-plant application

Colour
Blue with white strip

PH803 : POLY - AVIATION FUEL COMPOSITE HOSE

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Applicable Standard: EN 13765 TYPE 2 & AS 2683 TYPE 1 GRADE 1,2 & 3

Item Code	Nominal Bore	OD	WP		BR/r
	mm	mm	psi	bar	mm
PH803-24	38	50	100	7	75
PH803-32	50	61	100	7	80
PH803-40	65	76	100	7	90
PH803-48	75	88	100	7	125
PH803-64	100	112	100	7	220

Temperature Range: Continuous: -30°C to +80°C

Construction
Hose made from Polypropylene fabric and films with PVC coated fabric cover, Outer wire is galvanised mild steel and the inner wire is SS or Galvanised MS

Application
Designed for transfer of fuel in the aviation industry

Colour
Yellow with white strip

PH804 : POLY - FUEL HOSE

Applicable Standard: EN 13765 TYPE 2 & AS 2683 TYPE 1 GRADE 1,2 & 3

Item Code	Nominal Bore	OD	WP		BR/r
	mm	mm	psi	bar	mm
PH804-16	25	32	100	7	50
PH804-24	38	50	100	7	75
PH804-32	50	61	100	7	80
PH804-40	65	76	100	7	90
PH804-48	75	88	100	7	125
PH804-64	100	112	100	7	220

Temperature Range: Continuous: -30°C to +80°C

Construction

Hose made from Polypropylene fabric and films with PVC coated fabric cover, Inner & Outer wire is galvanised mild steel

Application

Suction and discharge hose mainly for transfer of petroleum products by road, rail tankers and loading gantries

Colour

Yellow with white strip

PH805 : POLY - PTFE CHEMICAL

Applicable Standard: EN 13765 TYPE 2

Item Code	Nominal Bore	OD	WP		BR/r
	mm	mm	psi	bar	mm
PH805-16	25	38	150	10	90
PH805-24	38	52	150	10	120
PH805-32	50	64	150	10	150
PH805-40	65	80	150	10	180
PH805-48	75	92	150	10	210
PH805-64	100	120	150	10	340

Temperature Range: Continuous: -30°C to +140°C

Construction

Hose made from Polypropylene fabric and films with PVC coated fabric cover, Inner & outer SS 316 wire and lined with layer of PTFE Film

Application

Suitable for various Acids & Alkalines

Colour

Red with white strip

PH806 : POLY - CHEMICAL-SS

Applicable Standard: EN 13765 TYPE 2

Item Code	Nominal Bore	OD	WP		BR/r
	mm	mm	psi	bar	mm
PH806-16	25	38	150	10	90
PH806-24	38	52	150	10	120
PH806-32	50	64	150	10	150
PH806-40	65	80	150	10	180
PH806-48	75	92	150	10	210
PH806-64	100	120	150	10	340

Temperature Range: Continuous: -30°C to +80°C

Construction

Hose made from Polypropylene fabric and films with PVC coated fabric cover, inner wire is SS and outer wire of Galvanised MS

Application

Transfer of various acids and alkalines

Colour

Green with white strip

PH807 : POLY - CHEMICAL HOSE - P P

Applicable Standard: EN 13765 TYPE 3

Item Code	Nominal Bore	OD	WP		BR/r
	mm	mm	psi	bar	mm
PH807-16	25	38	150	10	90
PH807-24	38	52	150	10	125
PH807-32	50	64	150	10	160
PH807-40	65	80	150	10	180
PH807-48	75	92	150	10	220
PH807-64	100	120	150	10	350

Temperature Range: Continuous: -30°C to +80°C

Construction

Hose made from Polypropylene fabric and films with PVC coated Fabric cover, inner wire of polypropylene coated steel wire, outer wire of Galvanised MS

Application

Transfer of various acids and alkalines

Colour

Grey with white strip

PH808 : POLY - CHEMICAL DOCK HOSE

Applicable Standard: EN 13765 TYPE 3 AND AS 2117 TYPE 2 GRADE 1 AND 2

Item Code	Nominal Bore	OD	WP		BR/r
	mm	mm	psi	bar	mm
PH808-64	100	120	200	14	430
PH808-64	150	175	200	14	550
PH808-64	200	240	200	14	750
PH808-64	250	325	200	14	950

Temperature Range: Continuous: -30°C to +100°C

Construction

Hose made from heavy duty Polypropylene fabric and films with a double layer of PVC coated fabric cover, inner and outer wire of SS 316.

Application

Heavy duty Suction and discharge of bulk chemical in raod and rail tanker,dockside and ship to shore

Colour

Royal Blue with white strip

PH 809 : POLY - DOCK PTFE

Applicable Standard: EN 13765 TYPE 3 AND AS 2117 TYPE 2 GRADE 1 AND 2

Item Code	Nominal Bore	OD	WP		BR/r
	mm	mm	psi	bar	mm
PH809-64	100	120	200	14	430
PH809-96	150	175	200	14	550
PH809-128	200	240	200	14	750
PH809-166	250	325	200	14	950

Temperature Range: Continuous: -30°C to +100°C

Construction

Heavy duty PP fabric and films with a double layer of PVC coated fabric cover with inner SS 316 and outer wire of galvanized MS and is lined with layer of PTFE Film

Application

Heavy duty Suction and discharge of bulk chemical in raod and rail tanker, dockside and ship to shore

Colour

Red with white strip

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PH 810 : POLY - DOCK PG HOSE

Applicable Standard: EN 13765 TYPE 3 AND AS 2117 TYPE 2 GRADE 1 AND 2

Item Code	Nominal Bore	OD	WP		BR/r
	mm	mm	psi	bar	mm
PH810-64	100	120	200	14	440
PH810-96	150	175	200	14	560
PH810-128	200	240	200	14	760
PH810-166	250	325	200	14	960

Temperature Range: Continuous: -30°C to +100°C

Construction

Heavy duty PP fabric and films with a double layer of PVC coated fabric cover with inner wire of PP coated Steel and outer wire of galvanised MS

Application

Heavy duty Suction and discharge of bulk chemical in road and rail tanker,dockside and ship to shore

Colour

Blue with white strip

PH811 : POLY - OIL DOCK HOSE

Applicable Standard: EN 13765 TYPE 3 AND AS 2117 TYPE 2 GRADE 1 AND 2

Item Code	Nominal Bore	OD	WP		BR/r
	mm	mm	psi	bar	mm
PH811-64	100	120	200	14	430
PH811-96	150	175	200	14	550
PH811-128	200	240	200	14	750
PH811-166	250	290	200	14	920

Temperature Range: Continuous: -30°C to +100°C

Construction

Heavy duty PP fabric and films with a double layer of PVC coated fabric cover with inner and outer wires are galvanised MS

Application

Heavy duty Suction and discharge of petroleum products in road and rail tanker,dockside and ship

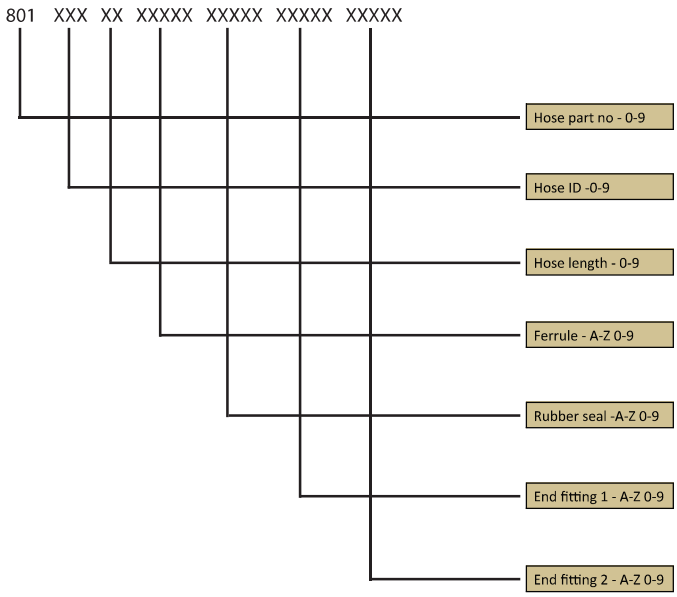
Colour

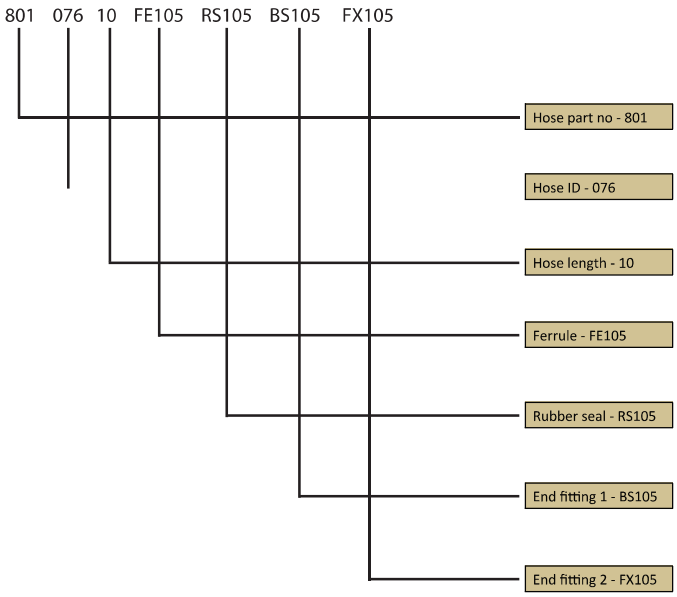
Black with white strip

COMPOSITE HOSE ASSEMBLY NOMENCLATURE

3" x 10 mtrs length Poly Tanker Hose (PH801) with one end 3" CS BSP nipple another End 3" CS fixed flange along with CS Ferrule and Nitrile seal

Item Code	ID	Length in mtr	Ferrule	Seal	End Fitting 1	End Fitting 2
Tanker Hose PH 801	3"-76	1-20	CS-PHFE105	Nitrile-PHRS105	CS Nipple BSP-PHBS 105	CS Fixed flange-PHFX 105
801	76	10	FE105	RS105	BS105	FX105





EXAMPLE