

Polyhose™

Providing Flexible Solutions Globally



COMPOSITE HOSE



Polyhose

PH801 : POLY - TANKER HOSE

APPLICATION

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



Code	Nominal Bore	Hose O.D. (Nom.)	Working Pressure		Min. Bend Radius
			(psi)	(bar)	
PH801-3	50	61	100	7	80
PH801-4	65	76	100	7	90
PH801-4	75	88	100	7	125
PH801-6	100	112	100	7	220

APPLICABLE STANDARD

Standard: EN 13765 TYPE 2

CONSTRUCTION

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

TEMPERATURE RANGE

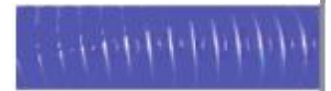
Continuous: -20°C to +80°C

Color: Black

PH802 : POLY - OIL HOSE

APPLICATION

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



Code	Nominal Bore	Hose O.D. (Nom.)	Working Pressure		Min. Bend Radius
			(psi)	(bar)	
PH802-1	25	38	150	10	90
PH802-2	38	52	150	10	120
PH802-3	50	64	150	10	150
PH802-4	65	80	150	10	180
PH802-4	75	92	150	10	250
PH802-6	100	115	150	10	350

APPLICABLE STANDARD

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

CONSTRUCTION

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

TEMPERATURE RANGE

Continuous: -30°C to +80°C

Color: Blue with white strip

PH803 : POLY - AVIATION FUEL COMPOSITE HOSE

APPLICATION

Designed for transfer of fuel in the aviation industry.

Code	Nominal Bore	Hose O.D. (Nom.)	Working Pressure		Min. Bend Radius
			(psi)	(bar)	
Part#	(mm)	(mm)	(psi)	(bar)	(mm)
PH803-2	38	50	100	7	75
PH803-3	50	61	100	7	80
PH803-4	65	76	100	7	90
PH803-4	75	88	100	7	125
PH803-6	100	112	100	7	220

APPLICABLE STANDARD

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

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.

TEMPERATURE RANGE

Continuous: -30°C to +80°C

Color: Yellow with white strip

PH804 : POLY - FUEL HOSE

APPLICATION

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

Code	Nominal Bore	Hose O.D. (Nom.)	Working Pressure		Min. Bend Radius
			(psi)	(bar)	
Part#	(mm)	(mm)	(psi)	(bar)	(mm)
PH804-1	25	32	100	7	50
PH804-2	38	50	100	7	75
PH804-3	50	61	100	7	80
PH804-4	65	76	100	7	90
PH804-4	75	88	100	7	125
PH804-6	100	112	100	7	220

APPLICABLE STANDARD

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

CONSTRUCTION

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

TEMPERATURE RANGE

Continuous: -30°C to +80°C

Color: Yellow with white strip

PH805 : POLY - PTFE CHEMICAL

APPLICATION

Suitable for various Acids & Alkalines.

Code	Nominal Bore	Hose O.D. (Nom.)	Working Pressure		Min. Bend Radius
			(psi)	(bar)	
Part#	(mm)	(mm)	(psi)	(bar)	(mm)
PH805-1	25	38	150	10	90
PH805-2	38	52	150	10	120
PH805-3	50	64	150	10	150
PH805-4	65	80	150	10	180
PH805-4	75	92	150	10	210
PH805-6	100	120	150	10	340



APPLICABLE STANDARD

Standard: EN 13765 TYPE 2

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.

TEMPERATURE RANGE

Continuous: -30°C to +140°C

Color: Red with white strip

PH806 : POLY - CHEMICAL-SS

APPLICATION

Transfer of various acids and alkalines

Code	Nominal Bore	Hose O.D. (Nom.)	Working Pressure		Min. Bend Radius
			(psi)	(bar)	
Part#	(mm)	(mm)	(psi)	(bar)	(mm)
PH806-1	25	38	150	10	90
PH806-2	38	52	150	10	120
PH806-3	50	64	150	10	150
PH806-4	65	80	150	10	180
PH806-4	75	92	150	10	210
PH806-6	100	120	150	10	340



APPLICABLE STANDARD

Standard: EN 13765 TYPE 2

CONSTRUCTION

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

TEMPERATURE RANGE

Continuous: -30°C to +80°C

Color: Green with white strip

PH807 : POLY - CHEMICAL HOSE - P P

APPLICATION

Transfer of various acids and alkalines.

Code	Nominal Bore	Hose O.D. (Nom.)	Working Pressure		Min. Bend Radius
			(psi)	(bar)	
Part#	(mm)	(mm)	(psi)	(bar)	(mm)
PH807-1	25	38	150	10	90
PH807-2	38	52	150	10	125
PH807-3	50	64	150	10	160
PH807-4	65	80	150	10	180
PH807-4	75	92	150	10	220
PH807-6	100	120	150	10	350



APPLICABLE STANDARD

Standard: EN 13765 TYPE 3

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.

TEMPERATURE RANGE

Continuous: -30°C to +80°C

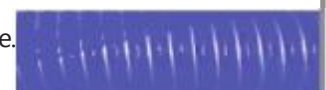
Color: Grey with white strip

PH808 : POLY - CHEMICAL DOCK HOSE

APPLICATION

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

Code	Nominal Bore	Hose O.D. (Nom.)	Working Pressure		Min. Bend Radius
			(psi)	(bar)	
Part#	(mm)	(mm)	(psi)	(bar)	(mm)
PH808-64	100	120	200	14	430
PH808-96	150	175	200	14	550
PH808-12	200	240	200	14	750
PH808-16	250	325	200	14	950



APPLICABLE STANDARD

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

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.

TEMPERATURE RANGE

Continuous: -30°C to +100°C

Color: Royal Blue with white strip

PH 809 : POLY - DOCK PTFE

APPLICATION

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



Code	Nominal Bore	Hose O.D. (Nom.)	Working Pressure		Min. Bend Radius
			(psi)	(bar)	
Part#	(mm)	(mm)	(psi)	(bar)	(mm)
PH809-64	100	120	200	14	430
PH809-96	150	175	200	14	550
PH809-12	200	240	200	14	750
PH809-16	250	325	200	14	950

APPLICABLE STANDARD

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

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.

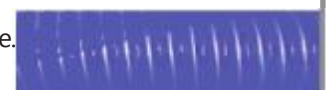
TEMPERATURE RANGE

Continuous: -30°C to +100°C
Color: Red with white strip

PH 810 : POLY - DOCK PG HOSE

APPLICATION

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



Code	Nominal Bore	Hose O.D. (Nom.)	Working Pressure		Min. Bend Radius
			(psi)	(bar)	
Part#	(mm)	(mm)	(psi)	(bar)	(mm)
PH810-64	100	120	200	14	440
PH810-96	150	175	200	14	560
PH810-12	200	240	200	14	760
PH810-16	250	325	200	14	960

APPLICABLE STANDARD

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

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 galvanized MS.

TEMPERATURE RANGE

Continuous: -30°C to +100°C
Color: Blue with white strip

PH811 : POLY - OIL DOCK HOSE

APPLICATION

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



Code	Nominal Bore	Hose O.D. (Nom.)	Working Pressure		Min. Bend Radius
			(psi)	(bar)	
Part#	(mm)	(mm)	(psi)	(bar)	(mm)
PH811-64	100	120	200	14	430
PH811-96	150	175	200	14	550
PH811-12	200	240	200	14	750
PH811-16	250	290	200	14	920

APPLICABLE STANDARD

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

CONSTRUCTION

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

TEMPERATURE RANGE

Continuous: -30°C to +100°C

Color: Black with white strip

FITTINGS

Rubber Seal



Ferrule



Tail End



Size		Material	
Inch	mm	Nitrile	Viton
1"	25	PHRS-10	PHRS-20
1.5"	38	PHRS-10	PHRS-20
2"	50	PHRS-10	PHRS-20
2.5"	63	PHRS-10	PHRS-20
3"	75	PHRS-10	PHRS-20
4"	100	PHRS-10	PHRS-20
6"	150	PHRS-10	PHRS-20
8"	200	PHRS-10	PHRS-20

Size		Material		
Inch	mm	CS	SS 304	SS 316
1"	25	PHFE-10	PHFE-20	PHFE-30
1.5"	38	PHFE-102	PHFE-202	PHFE-302
2"	50	PHFE-103	PHFE-203	PHFE-303
2.5"	63	PHFE-104	PHFE-204	PHFE-304
3"	75	PHFE-105	PHFE-205	PHFE-305
4"	100	PHFE-106	PHFE-206	PHFE-306
6"	150	PHFE-107	PHFE-207	PHFE-307
8"	200	PHFE-108	PHFE-208	PHFE-308

Size		Material		
Inch	mm	CS	SS 304	SS 316
1"	25	PHTL-10	PHTL-20	PHTL-30
1.5"	38	PHTL-10	PHTL-20	PHTL-30
2"	50	PHTL-10	PHTL-20	PHTL-30
2.5"	63	PHTL-10	PHTL-20	PHTL-30
3"	75	PHTL-105	PHTL-205	PHTL-305
4"	100	PHTL-10	PHTL-20	PHTL-30
6"	150	PHTL-10	PHTL-20	PHTL-30
8"	200	PHTL-10	PHTL-20	PHTL-30

FITTINGS

NIPPLE BSPT



NIPPLE NPT



NIPPLE BSP



Size		Material		
Inch	mm	CS	SS 304	SS 316
1"	25	PHBT-10	PHBT-20	PHBT-30
1.5"	38	PHBT-10	PHBT-20	PHBT-30
2"	50	PHBT-10	PHBT-20	PHBT-30
2.5"	63	PHBT-10	PHBT-20	PHBT-30
3"	75	PHBT-10	PHBT-20	PHBT-30
4"	100	PHBT-10	PHBT-20	PHBT-30
6"	150	PHBT-10	PHBT-20	PHBT-30
8"	200	PHBT-10	PHBT-20	PHBT-30

Size		Material		
Inch	mm	CS	SS 304	SS 316
1"	25	PHNP-10	PHNP-20	PHNP-30
1.5"	38	PHNP-10	PHNP-20	PHNP-30
2"	50	PHNP-10	PHNP-20	PHNP-30
2.5"	63	PHNP-10	PHNP-20	PHNP-30
3"	75	PHNP-10	PHNP-20	PHNP-30
4"	100	PHNP-10	PHNP-20	PHNP-30
6"	150	PHNP-10	PHNP-20	PHNP-30
8"	200	PHNP-10	PHNP-20	PHNP-30

Size		Material		
Inch	mm	CS	SS 304	SS 316
1"	25	PHBS-10	PHBS-20	PHBS-30
1.5"	38	PHBS-10	PHBS-20	PHBS-30
2"	50	PHBS-10	PHBS-20	PHBS-30
2.5"	63	PHBS-10	PHBS-20	PHBS-30
3"	75	PHBS-10	PHBS-20	PHBS-30
4"	100	PHBS-10	PHBS-20	PHBS-30
6"	150	PHBS-10	PHBS-20	PHBS-30
8"	200	PHBS-10	PHBS-20	PHBS-30

SWIVEL COUPLING



FIXED FLANG CS



FIXED FLANG SS 304



Size		HEXAGONAL NUT		SWIVEL NUT WITH LU	
Inc	mm	BRASS	GUN META	BRASS	GUN META
1"	25	PHSC-5	PHSC-4	PHSC-50	PHSC-40
1.5"	38	PHSC-50	PHSC-40	PHSC-51	PHSC-41
2"	50	PHSC-50	PHSC-40	PHSC-5	PHSC-4
2.5"	63	PHSC-50	PHSC-40	PHSC-51	PHSC-41
3"	75	PHSC-50	PHSC-40	PHSC-51	PHSC-41
4"	100	PHSC-50	PHSC-40	PHSC-51	PHSC-41
6"	150	PHSC-50	PHSC-40	PHSC-51	PHSC-41

Size		STANDARD			
Inc	mm	ASA 15	ANSI	DIN	JIS
1"	25	PHFX-1	PHFX-1	PHFX-1	PHFX-1
1.5"	38	PHFX-10	PHFX-11	PHFX-12	PHFX-13
2"	50	PHFX-10	PHFX-11	PHFX-12	PHFX-13
2.5"	63	PHFX-10	PHFX-11	PHFX-12	PHFX-13
3"	75	PHFX-10	PHFX-11	PHFX-12	PHFX-13
4"	100	PHFX-10	PHFX-11	PHFX-12	PHFX-13
6"	150	PHFX-10	PHFX-11	PHFX-12	PHFX-13
8"	200	PHFX-10	PHFX-11	PHFX-12	PHFX-13

Size		STANDARD			
Inc	mm	ASA 15	ANSI	DIN	JIS
1"	25	PHFX-2	PHFX-2	PHFX-2	PHFX-2
1.5"	38	PHFX-20	PHFX-21	PHFX-22	PHFX-23
2"	50	PHFX-20	PHFX-21	PHFX-22	PHFX-23
2.5"	63	PHFX-20	PHFX-21	PHFX-22	PHFX-23
3"	75	PHFX-20	PHFX-21	PHFX-22	PHFX-23
4"	100	PHFX-20	PHFX-21	PHFX-22	PHFX-23
6"	150	PHFX-20	PHFX-21	PHFX-22	PHFX-23
8"	200	PHFX-20	PHFX-21	PHFX-22	PHFX-23

FITTINGS

FIXED FLANG SS 316



Size		STANDARD			
Inc	mm	ASA 15	ANSI	DIN	JIS
1"	25	PHFX-3	PHFX-3	PHFX-3	PHFX-3
1.5"	38	PHFX-30	PHFX-31	PHFX-32	PHFX-33
2"	50	PHFX-30	PHFX-31	PHFX-32	PHFX-33
2.5"	63	PHFX-30	PHFX-31	PHFX-32	PHFX-33
3"	75	PHFX-30	PHFX-31	PHFX-32	PHFX-33
4"	100	PHFX-30	PHFX-31	PHFX-32	PHFX-33
6"	150	PHFX-30	PHFX-31	PHFX-32	PHFX-33
8"	200	PHFX-30	PHFX-31	PHFX-32	PHFX-33

FLOATING FLANG CS



Size		STANDARD			
Inc	mm	ASA 15	ANSI	DIN	JIS
1"	25	PHFL-10	PHFL-11	PHFL-12	PHFL-13
1.5"	38	PHFL-10	PHFL-11	PHFL-12	PHFL-13
2"	50	PHFL-10	PHFL-11	PHFL-12	PHFL-13
2.5"	63	PHFL-10	PHFL-11	PHFL-12	PHFL-13
3"	75	PHFL-10	PHFL-11	PHFL-12	PHFL-13
4"	100	PHFL-10	PHFL-11	PHFL-12	PHFL-13
6"	150	PHFL-10	PHFL-11	PHFL-12	PHFL-13
8"	200	PHFL-10	PHFL-11	PHFL-12	PHFL-13

FLOATING FLANG SS 304



Size		STANDARD			
Inc	mm	ASA 15	ANSI	DIN	JIS
1"	25	PHFL-20	PHFL-21	PHFL-22	PHFL-23
1.5"	38	PHFL-20	PHFL-21	PHFL-22	PHFL-23
2"	50	PHFL-20	PHFL-21	PHFL-22	PHFL-23
2.5"	63	PHFL-20	PHFL-21	PHFL-22	PHFL-23
3"	75	PHFL-20	PHFL-21	PHFL-22	PHFL-23
4"	100	PHFL-20	PHFL-21	PHFL-22	PHFL-23
6"	150	PHFL-20	PHFL-21	PHFL-22	PHFL-23
8"	200	PHFL-20	PHFL-21	PHFL-22	PHFL-23

FLOATING FLANG SS 316



Size		STANDARD			
Inc	mm	ASA 15	ANSI	DIN	JIS
1"	25	PHFL-30	PHFL-31	PHFL-32	PHFL-33
1.5"	38	PHFL-30	PHFL-31	PHFL-32	PHFL-33
2"	50	PHFL-30	PHFL-31	PHFL-32	PHFL-33
2.5"	63	PHFL-30	PHFL-31	PHFL-32	PHFL-33
3"	75	PHFL-30	PHFL-31	PHFL-32	PHFL-33
4"	100	PHFL-30	PHFL-31	PHFL-32	PHFL-33
6"	150	PHFL-30	PHFL-31	PHFL-32	PHFL-33
8"	200	PHFL-30	PHFL-31	PHFL-32	PHFL-33

MALE COMLOCK



Size		STANDARD			
Inc	mm	AL	CS	SS304	SS316
1"	25	PHCL-60	PHCL-10	PHCL-20	PHCL-30
1.5"	38	PHCL-60	PHCL-10	PHCL-20	PHCL-30
2"	50	PHCL-60	PHCL-10	PHCL-20	PHCL-30
2.5"	63	PHCL-60	PHCL-10	PHCL-20	PHCL-30
3"	75	PHCL-60	PHCL-10	PHCL-20	PHCL-30
4"	100	PHCL-60	PHCL-10	PHCL-20	PHCL-30
6"	150	PHCL-60	PHCL-10	PHCL-20	PHCL-30
8"	200	PHCL-60	PHCL-10	PHCL-20	PHCL-30

FEMALE COMLOCK



Size		STANDARD			
Inc	mm	AL	CS	SS304	SS316
1"	25	PHCL-60	PHCL-10	PHCL-20	PHCL-30
1.5"	38	PHCL-61	PHCL-11	PHCL-21	PHCL-31
2"	50	PHCL-61	PHCL-11	PHCL-21	PHCL-31
2.5"	63	PHCL-61	PHCL-11	PHCL-21	PHCL-31
3"	75	PHCL-61	PHCL-11	PHCL-21	PHCL-31
4"	100	PHCL-61	PHCL-11	PHCL-21	PHCL-31
6"	150	PHCL-61	PHCL-11	PHCL-21	PHCL-31
8"	200	PHCL-61	PHCL-11	PHCL-21	PHCL-31



Flexible Solutions Globally



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