

P9.1 OXYVAC-HA&F

✉ oxyvacindia@gmail.com
🌐 www.oxyvacindia.com
☎ 9726024747



OXY VAC India Works
Designing a Customized Solution for Gas Industries



HOSE ASSEMBLY & FITTINGS



Flexible Hoses Assembly & Hose Fittings

COMPOSITE HOSE

PTFE CHEMICAL

NOMINAL BORE (MM)	HOSE O.D. (NOM.) (MM)		WORKING PRESSURE (PSI) (BAR)		MIN. BEND RADIUS (MM)
	(MM)	(MM)	(PSI)	(BAR)	
25	38	150	10	90	90
38	52	150	10	120	120
50	64	150	10	150	150
65	80	150	10	180	180
75	90	150	10	210	210

APPLICABLE STANDARD

Standard: EN 13765 TYPE 2

CONSTRUCTION

Core: 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

Application: Suitable for acid & Alkalies.



CHEMICAL/OIL

NOMINAL BORE (MM)	HOSE O.D. (NOM.) (MM)		WORKING PRESSURE (PSI) (BAR)		MIN. BEND RADIUS (MM)
	(MM)	(MM)	(PSI)	(BAR)	
25	38	150	10	90	90
38	52	150	10	120	120
50	64	150	10	150	150
65	80	150	10	180	180
75	90	150	10	210	210

APPLICABLE STANDARD

Standard: EN 13765 TYPE 2

CONSTRUCTION

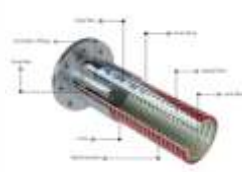
Core: Hose made from Polypropylene fabric and films with PVC coated fabric cover, Inner wire is SS/GS and outer wire of Galvanised MS.

TEMPERATURE RANGE

Continuous: - -30°C to +80°C

Color: Green with white strip

Application: Suitable for acid & Alkalies/ Petroleum Product.



XLPE CHEMICAL SUNCTION & DISCHARGE HOSE

HOSE I.D. (NOM.) (IN.)	HOSE O.D. (NOM.) (MM)		WORKING PRESSURE (PSI) (BAR)		MIN. BURST PRESSURE (PSI) (BAR)	
	(MM)	(MM)	(PSI)	(BAR)	(PSI)	(BAR)
3/4	19	29	250	17	750	51
1	25	35	250	17	750	51
1.1/4	32	42	250	17	750	51
1.1/2	38	49	250	17	750	51
2	51	63	250	17	750	51
2.1/2	63	77	250	17	750	51
3	76	90	250	17	750	51

Construction

Core: Synthetic rubber with XLPE liner

Reinforcement: High Tensile Synthetic Textile Cord with steel helix and 2 cross anti static wire

Cover: Green colour EPDM, wrapped type, abrasion and weather resistant

Application: Excellent in handling petroleum based products, hydrocarbon solvents, oxidising chemicals, major strong acid and alkali as well as organic uid etc.,



Convolutd / P.T.F.E.

HOSE I.D. (NOM.) (IN.)	HOSE O.D. (NOM.) (MM)		WORKING PRESSURE (PSI) (BAR)		MIN. BURST PRESSURE (PSI) (BAR)		
	(MM)	(MM)	(PSI)	(BAR)	(PSI)	(BAR)	
3/8	9.5	0.65	16.4	2,175	150	8,700	600
1/2	12.7	0.78	19.8	1,960	135	7,840	540
5/8	16.0	0.89	22.6	1,450	100	5,800	400
3/4	19.0	1.05	26.6	1,460	80	4,640	320
1	25.4	1.33	33.7	800	55	3,200	220
1.1/4	31.8	1.59	40.3	665	45	2,660	180
1.1/2	38.1	2.01	51.0	510	35	2,040	140
2	50.8	2.44	62.0	365	25	1,460	100

APPLICABLE STANDARD

Standard: Polyhose proprietary Product

CONSTRUCTION

Core: Helically convoluted sintered tube of polytetrafluoroethylene (P.T.F.E.).

Reinforcement: Single braid of 304/316 series of stainless steel wire

TEMPERATURE RANGE

Continuous: -54°C to +260°C

Application: For transfer chemical with high temperature etc..



Quick Release Couplings & Hose Fittings



Steam 2 W/B

HOSE I.D. (NOM.) (IN.)	HOSE O.D. (NOM.) (MM)		WORKING PRESSURE (PSI) (BAR)		MIN. BURST PRESSURE (PSI) (BAR)		
	(MM)	(MM)	(PSI)	(BAR)	(PSI)	(BAR)	
1/2	12.7	0.91	23.0	210	18	2600	180
3/4	19.0	1.18	30.0	210	18	2600	180
1	25.4	1.45	36.8	210	18	2600	180
1.1/4	31.8	1.71	43.5	210	18	2600	180
1/2	38.1	1.95	49.5	210	18	2600	180
2	50.8	2.52	64.0	210	18	2600	180

APPLICABLE STANDARD

Standard: IS 10655 Type 3/BS 5342.

CONSTRUCTION

Core: EPDM rubber resistant high temperature steam

Reinforcement: Double steel wire braids
Cover: Black color, EPDM rubber resistant to abrasion, heat and weather.

Application: High Temperature Steam at Pressure of 250psi.

TEMPERATURE RANGE

Continuous: -Upto +210°C



Flexible Hoses Assembly & Hose Fittings

R2 AT / 2 SN - HYDRAULIC

HOSE I.D. (NOM.)		HOSE O.D. (NOM.)		WORKING PRESSURE		MIN. BURST PRESSURE	
(IN.)	(MM)	(IN.)	(MM)	(PSI)	(BAR)	(PSI)	(BAR)
3/16	4.8	0.55	14.0	6,010	415	24,040	1,660
1/4	6.4	0.59	15.0	5,800	400	23,200	1,660
5/16	8.0	0.65	16.5	5,075	350	20,300	1,400
3/8	9.5	0.74	18.8	4,800	330	19,200	1,320
1/2	12.7	0.87	22.0	4,000	276	16,000	1,104
5/8	16.0	0.99	25.2	3,625	250	14,500	1,000
3/4	19.0	1.15	29.2	3,100	215	12,400	860
1	25.4	1.48	37.6	2,400	165	9,600	660
1.1/4	31.8	1.87	47.5	1,800	125	7,200	500
1.1/2	38.1	2.14	54.3	1,300	90	5,200	360
2	50.8	2.50	67.0	1,160	80	4,640	320
2.1/2	63.5	3.27	83.0	1,015	70	4,060	280
3	76.2	3.78	96.0	798	55	3,192	220

APPLICABLE STANDARD

Standard: SAE J517 - 100 R2/EN 853-2SN

Application: Agriculture, Earthmoving & Material Handling Equipment & Machinery

CONSTRUCTION

Core: Oil & Water resistant synthetic rubber.

Reinforcement: Double steel wire braids

Cover: Black color, synthetic rubber resistant to weather and abrasion, oil & ozone.

TAMPARATURE RANGE

Continuous: 40c to +120c Impluse Cycle : 150,000; Tested Upto 400,000 cycles, upto 1" I.D.



P.T.F.E. (Plain TEFLON) HOSE

HOSE I.D. (NOM.)		HOSE O.D. (NOM.)		WORKING PRESSURE		MIN. BURST PRESSURE	
(IN.)	(MM)	(IN.)	(MM)	(PSI)	(BAR)	(PSI)	(BAR)
1/8	3.35	0.24	6.27	3,260	225	13,040	900
3/16	4.83	0.310	7.87	2,750	190	11,000	760
1/4	6.48	0.365	9.27	2,610	180	10,440	720
5/16	8.00	0.440	11.18	2,540	175	10,160	700
3/8	9.65	0.490	12.45	2,390	165	9,560	660
13/32	10.40	0.545	13.85	2,030	140	8,120	560
1/2	12.83	0.630	16.00	1,740	120	6,960	480
5/8	16.00	0.760	19.30	1,270	88	5,080	352
3/4	19.18	0.900	22.86	1,010	70	4,040	280
7/8	22.30	1.030	26.20	870	60	3,480	240
1	25.53	1.160	29.46	870	60	3,480	240
1.1/8	29.00	1.300	33.10	630	44	2,520	176

APPLICABLE STANDARD

Standard: SAE J517 - 100R14

Application: For transfer chemical with high temperature etc..

CONSTRUCTION

Core: Sintered tube of polytetrafluoroethylene (P.T.F.E.).

Reinforcement: Single braid of 303/304 series of stainless steel wire.

TAMPARATURE RANGE

Continuous: 54°C to +260°C



Stainless steel corrugated hoses

NOMINAL I.D.	TUBING WITH ONE BRAID		TUBING WITH TWO BRAID	BEND RADIUS
	MINIMUM OD/MM	OP.PRESS. KG/CM2		
1/4	15	100	60	16
3/8	17	64	100	18
1/2	19	64	140	20
3/4	29	50	230	30
1	35	40	260	40
1.1/4	44	32	290	50
1.1/2	54	25	320	60
2	66	20	360	70
2.1/2	83	16	420	80
3	100	12.5	480	100
4	122	12.5	580	120
5	150	12.5	680	150
6	177	10	800	200
8	232	6	950	260
10	287	6	1200	340
12	340	4	1600	420
14	384	4	1675	890

APPLICABLE STANDARD

Application: for transfer to hot liquids & gas, general & Corrosive chemicals, petroleum & petrochemical & cryogenic.

CONSTRUCTION

Core: 321/304/316/316L/304L

Braid material: 304/316

TAMPARATURE RANGE

Continuous: Up to 800 degC

