



HEBEI ZHOUCONG IMP & EXP TRADE CO.,LTD

Enterprise introduction

Z-Smartflex, a part of Hebei Zhoucong Imp & Exp Trade Co.,Ltd, first opened in 2017.

Located in Shijiazhuang, Hebei, the company has been eminently successful in developing and marketing a complete line of industrial hose, plastic hose, hydraulic hose and fittings.

Today, Hebei Zhoucong Imp & Exp Trade Co., Ltd, group of companies includes two subsidiaries and five distribution centers, as well as many agents, providing a complete line of thermo-plastic, rubber and plastic hose products and accessories including couplings and fittings, for use in industrial, agriculture and garden applications.



◆ Z-Smartflex Enterprise Purpose

People-oriented and pragmatic, innovative and enterprising, returning to the society.

◆ Z-Smartflex Management Tenet

Reputation first, user first, quality satisfaction, delivery on time.

◆ Z-Smartflex Service Principle

Understanding the needs of customers, controlling the quality process strictly, tracking and quality timely, dealing with the quality objections quickly.

◆ Z-Smartflex Quality Objective

To meet the customer's expectations and requirements for the quality of the product by the factory control standard which is superior to the domestic and international standards.

The customer is truly the driving force here at Z-Smartflex. Sincerely welcome new and old customers from home and abroad to visit guidance, sincere cooperation and create prosperity together.





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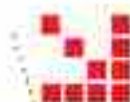
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PVC Garden Hose



Description: The garden hose is sure to become an essential staple during your lawn care, yard work, landscaping, cleaning and gardening chores. The hose is constructed from flexible PVC and is light weight enough for easy handling.

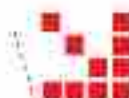
Applications: Being widely used for irrigation and washing in the parks, community, factories and families.

Characteristics: Colorful, light, flexible, elastic, portable and with excellent adaptability.

Temperature: -5°C~65°C

Item Code	Size			Length	W.P.		D.P.		Weight	Volume
	I.D.		O.D.							
	inch	mm								
PGH-10	3/8"	10	14	50	115	8	345	24	5.35	0.016
PGH-11	1/2"	11	15	15	110	8	345	24	1.60	0.008
PGH-12A	1/2"	12	15.4	7.5	87	8	261	18	0.74	0.004
PGH-12B	1/2"	12	15.4	15	87	8	261	18	1.47	0.008
PGH-12C	1/2"	12	15.4	20	87	8	261	18	1.96	0.010
PGH-12D	1/2"	12	15.4	72.5	87	8	261	18	5.73	0.029
PGH-12E	1/2"	12	15.4	90	87	8	261	18	7.04	0.036
PGH-12F	1/2"	12	16	90	102	7	304.5	21	6.9	0.032
PGH-12G	1/2"	12	16	91	102	7	304.5	21	10.74	0.033
PGH-12H	1/2"	12	16	100	102	7	304.5	21	11.8	0.033
PGH-13A	3/8"	15	20	50	87	8	290	20	9.2	0.026
PGH-13B	3/8"	15	19	25	87	8	290	20	5.58	0.017
PGH-13C	3/8"	15	19	30	87	8	290	20	4.29	0.016
PGH-16A	5/8"	16	21	30	73	5	261	18	1.96	0.008
PGH-16B	5/8"	16	21	30	73	5	261	18	1.85	0.008
PGH-16C	5/8"	16	21	50	73	5	261	18	5.75	0.032
PGH-19	3/4"	19	23	20	73	5	217.5	15	3.54	0.018
PGH-19B	3/4"	19	23	30	73	5	217.5	15	5.31	0.026
PGH-19C	3/4"	19	23	50	73	5	217.5	15	8.85	0.045
PGH-25	1"	25	30	50	44	5	150.5	9	14.45	0.060

Knitted Garden Hose



Description: The PVC knitted garden hose has three layers, adopt qualified PVC synthesis material and polyester fiber. The garden hose is suitable for various garden irrigation, vehicle washing and daily washing. By adding connector, spray gun and beautiful card packing, it looks more beautiful and convenient to use.

Applications: Irrigation and washing in the parks, community, factories and families. Watering plants, garden, vegetable garden.

Characteristics: Colorful, light, flexible, elastic, portable and with excellent adaptability.

Temperature: -5°C~65°C

Item Code	Size			Length	W.P.		D.P.		Weight	Volume
	I.D.		O.D.							
	inch	mm			mm					
KGH-1016	10"	10	18	30	73	5	261	18	3.54	0.018
KGH-1017	10"	10	17	30	97	8	290	20	4.92	0.020
KGH-1020	10"	10	20	30	73	5	218	15	4.58	0.016
KGH-1021	10"	10	21	30	87	8	261	18	5.58	0.02
KGH-1023	10"	10	23	30	55	4	171	12	4.54	0.022
KGH-1020	10"	10	20	30	73	5	218	15	9.4	0.027
KGH-2020	1"	20	20	30	55	4	171	12	6.73	0.0314
KGH-2021	1"	20	21	30	58	4	174	12	10.88	0.052



PVC Fibre Reinforced Hose



Application: The product is used for conveying water, oil, gas under normal working condition in the factory, farm, ship, building and family. The hose used for foodstuffs is made of special materials. It is light, flexible, durable, non-toxic, without odor, transparent. It can also be used for conveying milk, beverage, distilled liquor, beer, jam and other foods in vending machines, ice machine and refrigerators etc.

Item Code	Size			Wt		ID		Length	Weight	Volume
	OD		ID	psi	bar	psi	bar			
	inch	mm								
PFH-05	13/64"	5	9	156	8	303	20	100	5.8	0.012
PFH-06	1/8"	6	10	185	10	370	25	100	6.6	0.015
PFH-08B	1/4"	8	11	145	10	435	30	100	8.8	0.018
PFH-08C	1/4"	8	12	145	20	435	30	100	11.2	0.025
PFH-10	1/2"	12	12	145	20	435	30	100	6.3	0.018
PFH-10B	1/2"	12	15	145	20	435	30	100	10.9	0.025
PFH-08C	3/16"	8	14	145	10	435	30	100	15.7	0.038
PFH-08	3/8"	9	15	131	8	262	17	100	9.1	0.025
PFH-08B	3/8"	9	14	131	8	262	17	100	11.9	0.028
PFH-10	13/32"	10	14	158	8	348	24	100	8.8	0.028
PFH-10B	13/32"	10	15	119	8	348	24	100	13	0.032
PFH-10C	13/32"	10	15	118	8	348	24	100	15.2	0.038
PFH-12	1/2"	12	16	162	7	305	21	100	11.6	0.038
PFH-12B	1/2"	12	17	162	7	305	21	100	13	0.042
PFH-12C	1/2"	12	18	131	5	262	17	100	15.7	0.046
PFH-18	1/2"	18	17	87	5	262	18	100	12.4	0.042
PFH-12B	1/2"	12	18	87	5	262	18	100	15.1	0.046
PFH-13C	1/2"	18	20	118	8	348	24	100	10.9	0.032
PFH-14	35/64"	14	19	102	7	305	21	100	17.1	0.032
PFH-14B	35/64"	14	20	102	7	305	21	100	21.1	0.057
PFH-15	5/8"	15	19	87	5	262	18	50	7.05	0.030
PFH-15B	5/8"	15	20	102	7	305	21	50	8.05	0.036
PFH-18C	5/8"	15	21	116	8	348	24	50	11.2	0.030
PFH-18	5/8"	18	20	70	5	218	15	50	7.45	0.030
PFH-18B	5/8"	18	21	102	7	305	21	50	9.4	0.036
PFH-18C	5/8"	18	22	116	8	348	24	50	11.8	0.036
PFH-18	45/64"	18	24	87	5	262	18	50	11.05	0.038

Item Code	Size			Wt		ID		Length	Weight	Volume
	OD		ID	psi	bar	psi	bar			
	inch	mm								
PFH-18	3/8"	19	23	58	4	174	12	50	8.7	0.043
PFH-18B	3/8"	19	24	58	4	174	12	50	11.15	0.043
PFH-18C	3/8"	19	25	102	7	305	21	50	13.7	0.045
PFH-20C	3/4"	20	28	116	8	348	24	50	16.5	0.050
PFH-20	13/32"	20	25	87	6	262	18	50	11.65	0.048
PFH-20B	13/32"	20	26	87	6	262	18	50	14.3	0.048
PFH-20C	13/32"	20	27	102	7	305	21	50	17.05	0.05
PFH-20B	13/32"	20	28	102	7	305	21	50	19.9	0.057
PFH-20	7/8"	21	27	70	5	218	15	50	17.7	0.054
PFH-20B	7/8"	21	28	102	7	305	21	50	19.55	0.058
PFH-22C	7/8"	22	29	87	6	262	18	50	18.5	0.058
PFH-22C	7/8"	22	30	102	7	305	21	50	21.55	0.058
PFH-25	1"	25	30	58	4	174	12	50	14.25	0.068
PFH-25B	1"	25	31	70	5	218	15	50	17.4	0.072
PFH-25C	1"	25	32	70	5	218	15	50	20.65	0.077
PFH-25B	1"	25	33	87	6	262	18	50	24.05	0.079
PFH-32	1-1/4"	32	38	58	4	174	12	40	10.6	0.138
PFH-32B	1-1/4"	32	40	70	5	218	15	40	13.08	0.139
PFH-32C	1-1/4"	32	41	70	5	218	15	40	17.24	0.133
PFH-32B	1-1/4"	32	42	70	5	218	15	40	20.05	0.133
PFH-38	1-1/2"	38	45	55	4	174	12	40	14.05	0.155
PFH-38B	1-1/2"	38	46	58	4	174	12	40	17.84	0.155
PFH-38C	1-1/2"	38	48	58	4	174	12	40	22.64	0.155
PFH-48	1-5/8"	48	58	58	4	174	12	40	21.44	0.217
PFH-50	2"	50	60	44	3	12	9	40	18.8	0.158
PFH-50B	2"	50	61	58	4	174	12	40	22.68	0.158
PFH-50C	2"	50	62	58	4	174	12	50	26.72	0.206
PFH-64	2-1/2"	64	78	58	4	174	12	40	32.4	0.304
PFH-72	3"	75	88	58	4	174	12	40	107.8	0.31

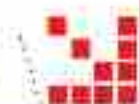


Characteristics:

It is flexible, transparent, durable, non-toxic, without odor, anti-erosion and adaptable to high pressure condition. By adding colorful symbol lines on the surface of the hose, it looks more beautiful.

Temperature: -10°C to +65°C

PVC Steel Wire Hose



Application

The hose is widely used for suction and discharge of water, oil and powder in the factories, agriculture, engineering, foodstuffs and sanitation lines. The hose used for foodstuffs is made of special material. It is non-toxic, light, without odor and transparent.

The hose can be used for conveying milk, beverage, distilled liquor, beer, jam and other foods. We can also insert the copper wire into the hose. This hose can avoid the block of the flowing in the hose due to static, and protect users from getting electric shock or electric current impingement.

Item Code	ID		OD		Vacuum		W.P.		S.P.		Length	Weight	Volume
	inch	mm	inch	mm	psi	bar	psi	bar	psi	bar	feet	kg/m	m ³
P50W-01	1/4"	8	11	13	1	0.07	11	0.75	33	2.25	100	1.0	0.008
P50W-05	5/16"	8	14	17	1	0.07	11	0.75	33	2.25	100	1.5	0.012
P50W-10	3/8"	9	18	21	1	0.07	10	0.70	30	2.10	100	2.0	0.016
		10	22	25	1	0.07	10	0.70	30	2.10	100	2.7	0.021
		9	17	20	1	0.07	11	0.75	33	2.25	100	1.7	0.013
		10	22	25	1	0.07	11	0.75	33	2.25	100	2.4	0.019
P50W-12	1/2"	12	15	18	1	0.07	10	0.70	30	2.10	100	3.1	0.024
		12	18	21	1	0.07	10	0.70	30	2.10	100	4.2	0.033
P50W-15	5/8"	15	22	25	1	0.07	10	0.70	30	2.10	100	5.0	0.039
		15	21	24	1	0.07	9	0.63	27	1.89	100	5.5	0.043
		16	20	23	1	0.07	8	0.55	24	1.68	100	6.0	0.047
		16	21	24	1	0.07	9	0.63	27	1.89	100	6.6	0.051
P50W-20	3/4"	18	26	28	1	0.07	10	0.70	30	2.10	60	10.0	0.078
		20	26.5	29	1	0.07	9	0.63	27	1.89	60	11.0	0.086
		20	25	28	1	0.07	8	0.55	24	1.68	60	12.0	0.094
		20	24.5	27	1	0.07	8	0.55	24	1.68	60	13.0	0.102
P50W-25	7/8"	22	30	32	1	0.07	9	0.63	27	1.89	50	14.5	0.114
		22	29	31	1	0.07	8	0.55	24	1.68	50	15.5	0.122
P50W-30	1"	25	31	33	1	0.07	8	0.55	24	1.68	40	17.5	0.138
		25	29	31	1	0.07	7	0.50	20	1.50	40	18.7	0.147
		25	28	30	1	0.07	7	0.50	20	1.50	40	19.8	0.156
		25	27	29	1	0.07	7	0.50	20	1.50	40	20.9	0.165



Workshop

100% virgin PVC materials. Non-toxic. Non-smell. High tensile polyester yarn. Good quality material. Make light weight, good flexibility, easy handling. Soft and flexible. Anti-abrasion. Anti-corrosion. Anti-aging.

Item Code	ID		OD		Vacuum		W.P.		S.P.		Length	Weight	Volume
	inch	mm	inch	mm	psi	bar	psi	bar	psi	bar	feet	kg/m	m ³
P50W-32	1 1/8"	27	31	33	1	0.07	7	0.49	20	1.40	40	21.90	0.170
		27	30	32	1	0.07	6	0.42	18	1.26	40	23.0	0.179
		27	29.5	31.5	1	0.07	6	0.42	18	1.26	40	24.1	0.188
		27	29	31	1	0.07	6	0.42	18	1.26	40	25.2	0.197
P50W-38	1 1/2"	30	32	34	1	0.07	6	0.42	18	1.26	40	23.02	0.180
		30	31.5	33	1	0.07	5	0.35	16	1.12	40	24.10	0.189
		30	30	32	1	0.07	5	0.35	16	1.12	40	25.18	0.197
		30	29.5	31.5	1	0.07	5	0.35	16	1.12	40	26.26	0.206
P50W-45	1 3/4"	35	36	37	1	0.07	6	0.42	18	1.26	40	24.90	0.195
		35	35	36	1	0.07	5	0.35	16	1.12	40	26.00	0.204
		35	34	35	1	0.07	5	0.35	16	1.12	40	27.10	0.213
		35	33	34	1	0.07	5	0.35	16	1.12	40	28.20	0.222
P50W-50	2"	38	39	40	1	0.07	5	0.35	16	1.12	40	26.10	0.203
		38	38	39	1	0.07	4	0.28	14	1.00	40	27.20	0.212
		38	37	38	1	0.07	4	0.28	14	1.00	40	28.30	0.221
		38	36	37	1	0.07	4	0.28	14	1.00	40	29.40	0.230
P50W-60	2 1/2"	50	50	51	1	0.07	5	0.35	16	1.12	40	37.50	0.290
		50	49.5	50.5	1	0.07	4	0.28	14	1.00	40	38.60	0.299
		50	48	49	1	0.07	4	0.28	14	1.00	40	39.70	0.308
		50	47	48	1	0.07	4	0.28	14	1.00	40	40.80	0.317
P50W-70	3"	58	58	59	1	0.07	5	0.35	16	1.12	40	46.00	0.358
		58	57.5	58.5	1	0.07	4	0.28	14	1.00	40	47.10	0.367
		58	56	57	1	0.07	4	0.28	14	1.00	40	48.20	0.376
		58	55	56	1	0.07	4	0.28	14	1.00	40	49.30	0.385
P50W-100	4"	70	70	71	1	0.07	5	0.35	16	1.12	40	70.00	0.546



PVC Steel Wire Hose



Characteristics: This hose, with steel wire screwing inside in the hose, is light, transparent, with small bending radius. It has good adaptability to hard weather conditions and vacuum pressure. With colorful symbol lines on the surface of the hose, it can be beautiful.

Temperature range: -10°C to +70°C

Item Code	Size	ID		OD		Wall		W.P.		B.P.		Length	Weight	Volume
		inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	m/roll	kg/roll	m ³
PWSH-04	3/4"	3/4	19	1.5	4	72	5	100	7	30	76.2	24.4	0.020	
		3/4	19.5	1.5	4	70	5	95	7	30	76.2	24.4	0.020	
		3/4	19	1.5	4	68	5	90	6	30	76.2	24.4	0.020	
		3/4	19	1.5	4	65	5	85	6	30	76.2	24.4	0.020	
		3/4	19	1.5	4	62	5	80	6	30	76.2	24.4	0.020	
PWSH-05	1"	1	25	1.7	4	72	5	100	7	40	101.6	30.5	0.030	
		1	25	1.7	4	70	5	95	7	40	101.6	30.5	0.030	
		1	25	1.7	4	68	5	90	7	40	101.6	30.5	0.030	
		1	25	1.7	4	65	5	85	7	40	101.6	30.5	0.030	
		1	25	1.7	4	62	5	80	7	40	101.6	30.5	0.030	
PWSH-06	1 1/2"	1.5	38	2.2	6	70	5	95	7	50	127	38.1	0.040	
PWSH-100	4"	4	100	4.5	11	68	5	90	7	150	381	114.3	0.060	
		4	100	4.5	11	65	5	85	7	150	381	114.3	0.060	
		4	100	4.5	11	62	5	80	7	150	381	114.3	0.060	
		4	100	4.5	11	60	5	78	7	150	381	114.3	0.060	
		4	100	4.5	11	58	5	75	7	150	381	114.3	0.060	
PWSH-110	4 1/8"	4.125	105	4.7	12	68	5	90	7	160	406.4	124.8	0.070	
PWSH-117	4 3/8"	4.375	110	4.9	12	68	5	90	7	160	406.4	124.8	0.070	
PWSH-127	5"	5	127	5.5	14	68	5	90	7	180	457	137.2	0.080	
PWSH-140	5 1/2"	5.5	140	6	15	68	5	90	7	180	457	137.2	0.080	
PWSH-155	6"	6	152	6.5	16	68	5	90	7	200	508	152.4	0.090	
PWSH-160	6 1/2"	6.5	165	6.8	17	68	5	90	7	200	508	152.4	0.090	
PWSH-180	7"	7	178	7.5	19	68	5	90	7	220	558.8	165.2	0.100	
PWSH-200	8"	8	203	8.5	21	68	5	90	7	240	609.6	182.9	0.110	



PVC Clear Hose



Application: PVC transparent hose is used for conveying water, oil, gas under normal working condition in factories, farm, ship, building and family.

Characteristics: PVC clear hose is flexible, durable, non-toxic, without odor and resistant to high pressure and erosion. By adding colorful symbol lines on the surface of the hose, it looks more beautiful.

Temperature: -10°C to +65°C

Item Code	Size			Length	W.P.		B.P.		Weight	Volume
	I.D.		O.D.		psi	bar	psi	bar		
	inch	mm	mm	m/roll					kg/roll	m ³
PCH-05	1/4"	6	8	100	21.75	1.5	65.3	4.5	2.8	0.015
PCH-08	5/16"	8	10	100	21.75	1.5	65.3	4.5	3.7	0.019
PCH-10	3/8"	10	12	100	21.75	1.5	65.3	4.5	4.8	0.026
PCH-12	1/2"	12	15	50	14.5	1.0	43.5	3.0	4.2	0.019
PCH-15	5/8"	16	18	50	14.5	1.0	43.5	3.0	5.15	0.030
PCH-19	3/4"	19	22	50	14.5	1.0	43.5	3.0	6.35	0.030
PCH-25	1"	25	30	50	14.5	1.0	43.5	3.0	14.25	0.068
PCH-32	1 1/4"	32	38	40	14.5	1.0	43.5	3.0	17.4	0.113
PCH-38	1-1/2"	38	44	40	14.5	1.0	43.5	3.0	20.4	0.150
PCH-50	2"	50	58	40	14.5	1.0	43.5	3.0	25.8	0.267

PVC Suction Hose



Construction

Wall: High quality plasticized PVC

Reinforcement: Rigid PVC helix

Application

Very ideally for conveying water, oil and powder, abrasive mineral sands, gravel, cement, chips, shavings construction, agriculture and industrial service applications.

Item Code	I.D.		O.D.		Thickness	Max Length	Bore/Outer Ratio 3 months
	inch	mm	inch	mm			
PS1923	3/4"	19	23	2	50	0.8*0.28	
PS1929		19	29	3	50	0.8*0.28	
PS2529		29	29	2	50	0.8*0.32	
PS2541		29	41	3	50	0.8*0.32	
PS2542	1"	25	42	3.5	50	0.8*0.32	
PS3236		32	36	2	50	0.7*0.28	
PS3238		32	38	3	50	0.7*0.28	
PS3245		32	45	3.5	50	0.7*0.28	
PS3240	1 1/4"	32	40	4	50	0.7*0.32	
PS3844		38	44	5	50	0.7*0.32	
PS3845		38	45	5.5	50	0.7*0.32	
PS3846		38	46	4	50	0.7*0.32	
PS3847	1 1/2"	38	47	4.5	50	0.7*0.32	
PS3848		38	48	5	50	0.7*0.32	
PS5054		50	54	2	50	1.0*0.18	
PS5056		50	56	3	50	1.0*0.18	
PS5057	2"	50	57	5.5	50	1.0*0.18	
PS5058		50	58	4	50	1.0*0.18	
PS5059		50	59	4.5	50	1.0*0.18	
PS5060		50	60	5	50	1.0*0.18	
PS6369	2.5"	63	65	3	50	1.1*0.22	
PS6370		63	70	3.5	50	1.1*0.22	
PS6371		63	71	4	50	1.1*0.22	
PS6372		63	72	4.5	50	1.1*0.22	
PS6373		63	73	5	50	1.1*0.22	



Feature: Anti-abrasion, anti-corrosion, antiaging. Super flexible, small bending radius, light weight. Smooth tube and excellent water supply and draining efficiency. High abrasion resistance and easy to transfer power.

Coupling: Camlock coupling and clamps are available separately or assembly with hose.

Temperature range: -10°C to +55°C

Item Code	I.D.		O.D.		Thickness	Max Length	Bore/Outer Ratio 3 months
	inch	mm	inch	mm			
PS7581	3"	75	81	3	50	1.2*0.25	
PS7582		75	82	3.5	50	1.2*0.25	
PS7583		75	83	4	50	1.2*0.25	
PS7584		75	84	4.5	50	1.2*0.25	
PS7585		75	85	5	50	1.2*0.25	
PS7586		75	86	5.5	50	1.2*0.25	
PS7587		75	87	6	50	1.2*0.25	
PS10098	4"	100	108	4	50	2.0*0.21	
PS10099		100	109	4.5	50	2.0*0.21	
PS100100		100	110	5	50	2.0*0.21	
PS100111		100	111	5.5	50	2.0*0.21	
PS100112		100	112	6	50	2.0*0.21	
PS100113		100	113	7	50	2.0*0.21	
PS100114		100	114	8	50	2.0*0.21	
PS125123	5"	125	125	5	50	2.0*0.21	
PS125124		125	127	6	50	2.0*0.21	
PS125125		125	128	7	50	2.0*0.21	
PS125126		125	129	8	50	2.0*0.21	
PS150154	6"	150	154	7	50	2.3*0.21	
PS150155		150	155	8	50	2.3*0.21	
PS150156		150	156	9	50	2.3*0.21	
PS150157		150	157	10	50	2.3*0.21	
PS175174	8"	175	174	10	50	2.8*0.21	
PS175175		175	175	12	50	2.8*0.21	
PS175176		175	176	13	50	2.8*0.21	
PS175177		175	177	14	50	2.8*0.21	
PS200202	10"	200	204	7	12		
PS200203		200	205	8	12		
PS200204		200	206	9	12		
PS200205		200	207	10	12		
PS254274	12"	254	274	10	12		
PS254275		254	275	11	12		
PS305313	14"	305	325	10	12		
PS305314		305	326	11	12		



PVC Air Hose



Application: The PVC air hose is widely used in pneumatic tools, pneumatic washing apparatus, compressors, engine components, machine service and civil engineering equipment.

Application: Being made of tough PVC materials and high tensile polyester reinforcement, PVC air hose can work under very high working pressure. It is light, flexible, durable, anti-oxidation, and explosion resistant.

Temperature range: -10°C to +65°C

Item Code	Size			W.P.		B.P.		Length	Weight	Volume
	I.D.		O.D.							
	inch	mm	mm	psi	bar	psi	bar	m/roll	kg/roll	m ³
PAIR-05	1/4"	6.4	12	290	20	870	60	300	10.8	0.024
PAIR-08	5/16"	8	14	290	20	870	60	300	13	0.026
PAIR-10	3/8"	10	16	290	20	870	60	300	16.5	0.041
PAIR-13	1/2"	13	20	290	20	870	60	300	22.2	0.029
PAIR-15	5/8"	15	23	290	20	870	60	300	29.8	0.040
PAIR-19	3/4"	19	28	290	20	870	60	300	34	0.058
PAIR-25	1"	25	34	218	15	653	45	300	30	0.094
PAIR-32	1-1/4"	32	44	218	15	653	45	300	48	0.188
PAIR-38	1-1/2"	38	50	218	15	653	45	300	56	0.271
PAIR-50	2"	50	64	145	10	435	30	300	84.6	0.375



PVC Gas Hose



Application: Being used for conveying gas and liquid under low pressure. Specialty suitable for LPG in family.

Characteristics: Being made from good quality PVC and rubber compound, the hose is flexible, elastic, safe and easy to seal.

Construction

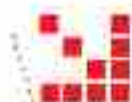
Inner Layer: high quality PVC material Reinforcement: Polyester fiber, textile Yarn

Outer Layer: high quality PVC material, abrasive resistant.

Temperature: -10°C ~ 65°C

Item Code	Size			Length		W.P.		B.P.	Weight	Volume
	I.D.		O.D.							
	inch	mm	mm	m/roll	ft	psi	bar	psi	bar	m ³
PGAS-06	1/4"	6	11	100	290	40	800	60	8.81	0.038
PGAS-08	5/16"	8	13.5	100	290	30	600	60	11.9	0.060
PGAS-10	3/8"	10	16	100	290	20	400	60	12.35	0.075
PGAS-13	1/2"	13	20	100	290	20	400	60	16.00	0.080
PGAS-16	5/8"	16	25	60	190	30	600	60	14.31	0.056
PGAS-18	3/4"	18	28	30	117.5	15	352.5	45	16.38	0.057
PGAS-25	1"	25	34	30	117.5	15	352.5	45	27.31	0.08

PVC Layflat Hose 4Bar



Description

PVC Layflat hose is a tough water discharge hoses made with a PVC cover and reinforced polyester yarn. The high tensile polyester yarn provides great durability and strength in all working situations.

It is highly durable while maintaining great flexibility and best suited for low – medium pressure applications.

Item Code	Inner Diameter		W.P.		B.P.		Length m/roll	Weight kg/m	Volume m ³
	inch	mm	psi	bar	psi	bar			
PLH520	3/4"	20	58	4	218	15	100	0.14	0.014
PLH525	1"	25	58	4	218	15	100	0.15	0.015
PLH532	1-1/4"	32	58	4	218	15	100	0.17	0.018
PLH538	1-1/2"	38	58	4	218	15	100	0.21	0.021
PLH551	2"	51	58	4	174	12	100	0.29	0.039
PLH564	2-1/2"	64	58	4	174	12	100	0.32	0.043
PLH576	3"	76	58	4	174	12	100	0.36	0.048
PLH5102	4"	102	58	4	174	12	100	0.59	0.083
PLH5125	5"	127	58	4	174	12	100	0.75	0.103
PLH5153	6"	153	58	4	174	12	100	0.90	0.124
PLH5203	8"	203	58	4	174	12	100	1.80	0.193
PLH5254	10"	254	58	4	174	12	50	2.60	0.179
PLH5305	12"	305	58	4	174	12	50	3.10	0.245

PVC Layflat Hose 6Bar



Features:

- Light weight Good flexibility.
- Corrosion resistant, anti-aging.
- Easy use & storage.
- Different colors available.
- Assemblies and/or cut lengths available.
- Burst pressure 3 times working pressure.
- Non-toxic, Non-smell.

Item Code	Inner Diameter		W.P.		B.P.		Length m/roll	Weight kg/m	Volume m ³
	inch	mm	psi	bar	psi	bar			
PLHM19	3/4"	20	87	6	305	21	100	0.14	0.014
PLHM25	1"	25	87	6	305	21	100	0.17	0.019
PLHM32	1-1/4"	32	87	6	305	21	100	0.18	0.022
PLHM38	1-1/2"	38	87	6	305	21	100	0.24	0.026
PLHM40	1-1/2"	40	87	6	261	18	100	0.26	0.028
PLHM51	2"	51	87	6	261	18	100	0.30	0.036
PLHM54	2-1/2"	64	87	6	261	18	100	0.45	0.047
PLHM76	3"	76	87	6	261	18	100	0.50	0.060
PLHM100	4"	102	87	6	261	18	100	0.90	0.083
PLHM125	5"	127	87	6	261	18	100	1.10	0.109
PLHM153	6"	153	87	6	261	18	100	1.80	0.141
PLHM203	8"	203	87	6	261	18	100	2.80	0.193



PVC Layflat Hose 8Bar, 10Bar



Application: PVC layflat hose is designed for light and heavy duty applications, the hoses are most commonly used in agricultural equipment where continuous water flow through irrigation systems is required. Additional uses include water pump, pool & spa, construction, mines and marine.

Item Code	Inner Diameter		W.P.		B.P.		Length	Weight	Volume
	inch	mm	psi	bar	psi	bar	m/ft	kg/m	m ³
PLH-20	2/4"	20	145	10	135	30	50	0.15	0.007
PLH-25	1"	25	145	10	135	30	100	0.30	0.010
PLH-32	1 1/4"	32	145	10	135	30	50	0.21	0.012
PLH-38	1 1/2"	38	145	10	135	30	30	0.25	0.013
PLH-40	1 1/2"	40	145	10	135	30	50	0.30	0.013
PLH-45	1 3/4"	45	145	10	135	30	50	0.35	0.016
PLH-50-1	2"	51	116	8	348	24	50	0.35	0.020
PLH-50-2	2"	51	145	10	435	40	50	0.40	0.020
PLH-64	2.5"	64	145	10	435	30	50	0.70	0.024
PLH-75-1	3"	76	116	8	348	24	50	0.66	0.030
PLH-75-2	3"	76	145	10	435	30	50	0.85	0.030
PLH-100	4"	102	116	8	348	24	50	1.00	0.040
PLH-100	4"	102	145	10	435	30	50	1.30	0.042
PLH-125	5"	127	116	8	348	24	50	2.10	0.071
PLH-125	5"	127	145	10	435	24	50	2.80	0.090



PVC Spray Hose



Application: The hose is widely used in high pressure industrial compressors, service station and pneumatic tools. In agriculture, delivery pressure hose of pesticide, fungicide, fertilizer solution also containing mineral oils for agriculture spraying.

Material: 1. PVC (outer layer): Anti-UV, Anti-aging; 2. Middle woven reinforced fabric: bonding resistance, pressure resistance, anti-explosion; 3. PVC (inner layer): low/high temperature resistance.

Characteristics: Being made of tough PVC materials and high tensile polyester reinforcement, it is light, flexible, durable, anti-erosion, acid, alkali. Good flexibility and adaptability against climate.

Standard length: 50m, 100m

Temperature: -5°C - 65°C

2 PVC and 1ply high pressure spray hose

Item Code	Size			W.P.		B.P.		Length
	inch	mm	mm	psi	bar	psi	bar	m/ft
PSH-06A	1/4"	6.5	11.3	624	43	1333	100	50
PSH-06B	5/16"	8	12.7	580	40	1290	100	50
PSH-06C2	5/16"	8	12.7	580	40	1240	100	50
PSH-06B3	5/16"	8.5	12.5	580	40	1240	100	50
PSH-06C4	5/16"	8	14	580	30	1210	100	50
PSH-06A	3/8"	10	13	580	40	1240	100	50

3 PVC and 2 ply high pressure spray hose

Item Code	Size			W.P.		B.P.		Length
	inch	mm	mm	psi	bar	psi	bar	m/ft
PSH-07B	1/4"	6.5	15	870	50	1510	100	50
PSH-08B	5/16"	8	15.5	870	40	1610	100	50
PSH-08C2	5/16"	8	16	870	30	1610	100	50
PSH-08C3	5/16"	8.5	16	870	30	1610	100	50
PSH-10B	3/8"	10	16	125	50	2125	150	50
PSH-10B	1/2"	12.7	19	125	30	2010	100	100

Full Dense Braided High Pressure Spray Hose

Item Code	Size			W.P.		B.P.		Length
	inch	mm	mm	psi	bar	psi	bar	m/ft
PSH-05C	1/4"	6.5	32	590	43	1653	100	50
PSH-06C1	5/16"	8	15.5	870	40	1610	100	50
PSH-06C2	5/16"	8	16	870	30	1610	100	50
PSH-08C3	5/16"	8.5	16	870	30	1610	100	50
PSH-10C	3/8"	10	16	100	50	2190	100	100
PSH-12C	1/2"	12.7	18	120	30	2025	100	100

PU Pneumatic Hose



Characteristics: Excellent flexibility, bending radius is small, Non-toxic, smellless, Hardness is constant, service life is long, Excellent performance of resistance against high pressure, vibration, corrosion, attrition and bending of PU air hose.

Application: Delivery hose usage, Automobile industry, Construction industry, Industry robots and pneumatic tools, Transport water and other liquid, Hydraulic machinery, Electronics industry.

Temperature: -40°C to 90°C

Color: clear, black, blue, red, yellow, green, white, orange.

Item Code	I.D.	O.D.	W.P.		B.P.		Bending radius	Length
	mm	mm	psi	bar	psi	bar		m/roll
PU2030	2	3	145	10	46	32	8	200
PU2540	2.5	4	145	10	46	32	10	200
PU3050	3	5	145	10	46	32	8	200
PU4060	4	6	110	8	34	24	12	200
PU5080	5	8	145	10	46	32	20	100
PU6580	5.5	8	110	8	34	24	20	100
PU8090	6	9	87	6	26	18	25	100
PU9550	6.5	10	110	8	34	24	25	100
PU9010	8	10	87	6	26	18	30	100
PU1012	8	12	110	8	34	24	35	100
PU1012	8	12	87	6	26	18	40	100
PU1014	10	14	110	8	34	24	45	100
PU1216	12	16	110	8	34	24	70	100
PU1716	17	16	87	6	26	18	80	100

PU Coil Hose



Characteristics: Good elasticity, it is easy to operate, save space, Absorbing impact and reduce the hose to tube, Custom made, specification and size available, Non-toxic, smellless, Excellent flexibility, bending radius is small.

Application: used for air brake, automated machinery, coating machinery, all kinds of pneumatic tools, pneumatic & hydraulic machinery construction and various pneumatic tools. Polyether based PU tube is hydrolysis-resistant, anti-bacterial & anti-fungous, and it can be used for gardening, cleaning, water hoses and other purposes.

Temperature: -40°C to 90°C

Color: clear, black, blue, red, yellow, green, white, orange.

Item Code	I.D.	O.D.	W.P.		B.P.		Length
	mm	mm	psi	bar	psi	bar	m/roll
PUC508006	2	8	120	8	34	24	6
PUC508008	3	8	120	8	34	24	8
PUC508012	4	8	120	8	34	24	12
PUC508015	5	8	120	8	34	24	15
PUC501008	2.5	10	120	8	34	24	6
PUC501009	3.5	10	120	8	34	24	9
PUC501012	6.5	10	120	8	34	24	12
PUC501015	8.5	10	120	8	34	24	15
PUC801208	8	12	120	8	34	24	6
PUC801209	8	12	120	8	34	24	9
PUC801212	8	12	120	8	34	24	12
PUC801215	8	12	120	8	34	24	15
PUC121012	12	16	120	8	34	24	12
PUC121015	12	16	120	8	34	24	15



Rubber Air Hose (Smooth Surface)



Application: Oil mist resistant Air hose for versatile general industries and construction sites. NOT suitable for transfer of petroleum products.

Tube: Black, smooth, synthetic rubber oil mist resistant.

Reinforcement: High strength synthetic yarn.

Cover: Yellow (Red/Blue/Black), smooth, synthetic rubber, weathering and ozone resistant.

Temperature: -20°C (-4°F) to +70°C (+158°F)

Item Code	I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
	inch	mm	mm	bar	psi	bar	psi	m	ft
RAS-01	3/16"	4.8	12	20	300	60	900	100	330
RAS-02	1/4"	6.4	13	20	300	60	900	100	330
RAS-07	5/16"	7.9	15	20	300	60	900	100	330
RAS-09	3/8"	9.5	17	20	300	60	900	100	330
RAS-14	1/2"	12.7	23	20	300	60	900	100	330
RAS-15	3/4"	19.1	26	20	300	60	900	100	330
RAS-18	1"	25.4	30	20	300	60	900	100	330
RAS-25	1"	25.4	30	20	300	60	900	100	330
RAS-31	1-1/4"	31.8	44	15	225	45	675	50	165
RAS-38	1-1/2"	38.1	54	15	225	45	675	50	165
RAS-50	2"	50.8	68	15	225	45	675	50	165



Rubber Air Hose (Wrapped Surface)



Application:

Softwall hose designed for general purpose compressed air applications with oil mist resistance.

Tube:

Black, smooth, synthetic rubber oil mist resistant.

Reinforcement:

High strength synthetic cord.

Cover:

Yellow, smooth, synthetic rubber, weathering and ozone resistant.

Temperature:

-40°C (-104°F) to +70°C (+158°F)

Item code	I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
	inch	mm	mm	bar	psi	bar	psi	m	ft
CAH-5	3/16"	4.8	12	20	300	60	900	100	330
CAH-6	1/4"	6.4	13	20	300	60	900	100	330
CAH-8	5/16"	7.9	15	20	300	60	900	100	330
CAH-13	3/8"	9.5	17	20	300	60	900	100	330
CAH-14	1/2"	12.7	23	20	300	60	900	100	330
CAH-15	3/4"	19.1	30	20	300	60	900	100	330
CAH-25	1"	25.4	37	20	300	60	900	60	200
CAH-31	1-1/4"	31.8	46	20	300	60	900	60	200
CAH-38	1-1/2"	38.1	52	20	300	60	900	60	200
CAH-50	2"	50.8	68	20	300	60	900	60	200
CAH-63	2-1/2"	63.5	80	20	300	60	900	60	200
CAH-75	3"	76.2	92	20	300	60	900	60	200
CAH-101	4"	101.6	120	20	300	60	900	60	200



Rubber Hot Water Hose (Smooth Surface)



Application: Hot water hose is suitable for the conveyance of high temperature water for automobile, cleaning and cooling applications. The rugged construction of the industrial hoses makes them suitable for all sorts of steam transfer operations in places like chemical plants, refineries, shipyards and other demanding industrial environments.

Features:

1. Tube: Black, EPDM compound synthetic rubber
2. Reinforcement: High tensile textile cord with helical steel wire
3. Cover: Black, wrapped finish EPDM rubber, weather and abrasion resistant

Temperature: -20°C to 150°C

Item Code	I.D.		O.D.		Working Pressure		Bursting Pressure		Bending Radius		Weight		Max.Length	
	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	lbs/ft	kg/m	ft	m
HW-001	1/8"	9	0.75	19	225	15	675	45	2	50	0.1	0.15	128	100
HW-002	5/32"	8	0.63	16	225	15	675	45	5.5	90	0.11	0.17	128	100
HW-010	1/8"	10	0.7	17	225	15	675	45	1.1	130	0.17	0.25	128	100
HW-019	3/4"	19	1.1	28	225	15	675	45	9.4	240	0.4	0.6	128	100
HW-027	7/8"	22	1.74	44	225	15	675	45	11	280	0.46	0.68	128	100
HW-025	1"	25	1.4	35	225	15	675	45	14.8	375	0.63	0.93	128	100
HW-132	1-1/4"	32	1.7	44	225	15	675	45	16.5	420	0.64	1.25	195	50
HW-138	1-1/2"	38	2.1	53	230	16	690	46	18.7	475	0.96	1.42	195	50
HW-145	1-5/8"	45	2.36	60	130	9	450	30	24.8	630	1.18	1.76	195	50
HW-151	2"	51	2.56	65	130	9	450	30	28.8	730	1.29	1.92	195	50
HW-157	2-1/4"	57	2.92	74	130	9	450	30	33.1	825	1.42	2.12	195	50
HW-163	2-1/2"	63	3.23	82	130	9	450	30	37.8	960	1.72	2.56	195	50
HW-176	3"	76	3.7	94	130	9	450	30	44.5	1140	1.95	2.96	195	50
HW-180	3-1/2"	93	4.25	108	130	9	450	30	51.1	1290	2.42	3.58	195	50
HW-102	4"	102	4.8	122	130	9	450	30	60.2	1530	2.84	4.23	195	50

Rubber Water Discharge Hose (Wrapped Surface)



Application

Designed for water and non-corrosive fluids used in construction sites and light duty industrial applications.

Tube

Black, smooth wrapped, synthetic rubber

Reinforcement

High strength synthetic cord.

Cover

Black, smooth, synthetic rubber, weathering and ozone resistant.

Item Code	ID		OD	Working Pressure		Bursting Pressure		Max.Length	
	inch	mm		bar	psi	bar	psi	m	ft
WDH-04	1/16"	4.8	12	10	150	30	450	120	400
WDH-06	1/4"	6.4	16	10	150	30	450	120	400
WDH-07	3/16"	7.5	16	10	150	30	450	120	400
WDH-08	1/2"	9.5	19	10	150	30	450	120	400
WDH-12	1-1/2"	12.7	29	10	150	30	450	120	400
WDH-15	5/8"	15.9	28.5	10	150	30	450	120	400
WDH-19	3/4"	19.1	27	10	150	30	450	120	400
WDH-25	1"	25.4	34	10	150	30	450	120	400
WDH-31	1-1/4"	31.8	42	10	150	30	450	80	200
WDH-38	1-1/2"	38.1	48	10	150	30	450	80	200
WDH-50	2"	50.8	61	10	150	30	450	80	200
WDH-63	2-1/2"	63.5	79	10	150	30	450	60	200
WDH-76	3"	76.2	89	10	150	30	450	60	200
WDH-88	3-1/2"	88.6	108	10	150	30	450	60	200
WDH-101	4"	101.6	115	10	150	30	450	60	200
WDH-127	5"	127	142	10	150	30	450	50	100
WDH-152	6"	152.4	167	10	150	30	450	50	100
WDH-203	8"	203.2	219	10	150	30	450	50	100



Rubber Water Suction & Discharge Hose (Wrapped Surface)



Application: The hose designed for suction and discharge of water and non-corrosive fluids used in construction site and light duty industrial applications. High pressure water discharge hose for rugged, tough operating conditions. Construction.

Tube: Black smooth synthetic rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black smooth (wrapped finish) synthetic rubber, weathering and ozone resistant.

Optional Request: Corrugated (wrapped finish), Cuffed ends, in different length.

ITEM CODE	ID		OD	Work Pressure		Burst Pressure		Working Pressure	Max Length	
	inch	mm	mm	bar	psi	bar	psi	bar	m	ft
WSDH-12	1/2"	12.7	21	10	150	30	450	0.9	50	200
WSDH-15	5/8"	15.9	25	10	150	30	450	0.8	60	200
WSDH-18	3/4"	19.1	29	10	150	30	450	0.8	60	200
WSDH-21	7/8"	22.2	31	10	150	30	450	0.9	50	200
WSDH-25	1"	25.4	35	10	150	30	450	0.8	60	200
WSDH-31	1-1/8"	31.8	42	10	150	30	450	0.8	60	200
WSDH-35	1-1/2"	38.1	48	10	150	30	450	0.8	60	200
WSDH-30	2"	50.8	60	10	150	30	450	0.9	50	200
WSDH-53	2-1/2"	63.5	77	10	150	30	450	0.8	60	200
WSDH-75	3"	76.2	90	10	150	30	450	0.8	60	200
WSDH-88	3-1/2"	88.9	104	10	150	30	450	0.8	60	200
WSDH-101	4"	101.6	118	10	150	30	450	0.8	60	200
WSDH-127	5"	127	145	10	150	30	450	0.9	50	200
WSDH-152	6"	152.4	170	10	150	30	450	0.8	60	200
WSDH-203	8"	203.2	224	10	150	30	450	0.9	50	200



Rubber Oil Discharge Hose (Smooth Surface)



Application:

Mainly used for conveyance of diesel, gasoline, lubricants and other mineral oils.

Tube:

NBR synthetic rubber, black color. Reinforcement: High tensile synthetic yarn, single/double yarn braided or spiraled.

Cover:

NR/SBR synthetic rubber, black, red and green in colors etc.

Characteristics:

Oil resistant, abrasion resistant, weather resistant and ozone resistant. It is flexible, light in weight, anti-bending, less distortion.

Item Code	ID		ID		Working Pressure		Burst Pressure		Length	Measurement	Weight
	inch	mm	mm	mm	bar	psi	bar	psi	m	inch/ft	kg/m
RPS-05	3/16"	5	12	20	300	60	600	100	420x410x100		0.15
RPS-06	1/4"	6	13	20	300	60	600	100	440x440x100		0.17
RPS-08	5/16"	8	15	20	300	60	600	100	460x460x100		0.22
RPS-10	3/8"	10	17	20	300	60	600	100	500x500x125		0.35
RPS-13	1/2"	13	22	20	300	60	600	50	460x460x135		0.46
RPS-16	5/8"	16	26	20	300	60	600	50	480x480x150		0.52
RPS-19	3/4"	19	29	20	300	60	600	50	520x520x185		0.64
RPS-25	1"	25	30	20	300	60	600	50	580x580x210		0.88
RPS-32	1-1/4"	32	43	13	150	30	450	50		6.17	1.3
RPS-38	1-1/2"	38	50	13	150	30	450	50		6.10	1.10
RPS-51	2"	51	65	13	150	30	450	50		6.41	1.8

Rubber Oil Hose (Wrapped Surface)



Application: Softwall hose. Designed for suction and delivery of petroleum products with aromatic content up to 50% for fuel connector service.

Tube: Black, smooth, NBR rubber.

Reinforcement: High strength synthetic cord.

Cover: Black smooth/wrapped finish/synthetic rubber, weathering and ozone resistant.

Optional request: Anti-static wire.

Temperature: -20°C (-4°F) to +70°C (+158°F).

Item Code	I.D.		O.D.	Work. Pressure		Burst. Pressure		Max.Length	
	inch	mm	mm	bar	psi	bar	psi	m	ft
ROH13	1/2"	12.7	21	10	150	30	450	60	200
ROH16	5/8"	15.9	25	10	150	30	450	60	200
ROH19	3/4"	19.1	28	10	150	30	450	60	200
ROH22	7/8"	22.2	31	10	150	30	450	60	200
ROH25	1"	25.4	34	10	150	30	450	60	200
ROH32	1-1/4"	31.8	42	10	150	30	450	60	200
ROH38	1-1/2"	38.1	48	10	150	30	450	60	200
ROH51	2"	50.8	62	10	150	30	450	60	200
ROH64	2-1/2"	63.5	76	10	150	30	450	60	200
ROH76	3"	76.2	89	10	150	30	450	60	200
ROH89	3-1/2"	88.9	108	10	150	30	450	60	200
ROH102	4"	101.6	116	10	150	30	450	60	200
ROH127	5"	127	142	10	150	30	450	30	100
ROH157	6"	152.4	167	10	150	30	450	30	100
ROH203	8"	203.2	219	10	150	30	450	30	100

Rubber Oil Suction & Discharge Hose (Wrapped Surface)



Application: Softwall hose. Designed for suction and delivery of petroleum products with aromatic content up to 50% for fuel connector service.

Tube: Black, smooth, NBR rubber.

Reinforcement: High strength synthetic cord with helix steel.

Cover: Black smooth/wrapped finish/synthetic rubber, weathering and ozone resistant.

Option: Working pressure can be 10bar (150psi), Heavy duty 15bar (250psi).

Optional request: Anti-static wire.

Temperature: -20°C (-4°F) to +70°C (+158°F).

Item Code	I.D.		O.D.	Work. Pressure		Burst. Pressure		Max.Length	
	inch	mm	mm	bar	psi	bar	psi	m	ft
OSDH13	1/2"	12.7	21	10	150	30	450	60	200
OSDH16	5/8"	15.9	25	10	150	30	450	60	200
OSDH19	3/4"	19.1	28	10	150	30	450	60	200
OSDH22	7/8"	22.2	31	10	150	30	450	60	200
OSDH25	1"	25.4	34	10	150	30	450	60	200
OSDH32	1-1/4"	31.8	42	10	150	30	450	60	200
OSDH38	1-1/2"	38.1	48	10	150	30	450	60	200
OSDH51	2"	50.8	62	10	150	30	450	60	200
OSDH64	2-1/2"	63.5	76	10	150	30	450	60	200
OSDH76	3"	76.2	89	10	150	30	450	60	200
OSDH89	3-1/2"	88.9	108	10	150	30	450	60	200
OSDH102	4"	101.6	116	10	150	30	450	60	200
OSDH127	5"	127	142	10	150	30	450	30	100
OSDH152	6"	152.4	167	10	150	30	450	30	100
OSDH203	8"	203.2	219	10	150	30	450	30	100



UHMWPE Chemical Discharge Hose (Wrapped Surface)



Application: Softwall hose designed with ultra-high molecular weight polyethylene tube, excellent in handling a wide range of chemicals, petroleum products and oils.

Tube: White, smooth, Ultra High Molecular Weight Polyethylene (UHMWPE).

Reinforcement: High strength synthetic cord.

Cover: Green or Blue, smooth (wrapped finish), EPDM rubber, resistant to chemical weathering and ozone.

Optional Request: Anti-static wire.

Temperature: -40°C (-40°F) to +120°C (+245°F)

Item Code	ID		OD	Working Pressure		Burst Pressure		Max Length	
	inch	mm	mm	bar	psi	bar	psi	m	ft
UCDH19	3/4"	19.1	31	10	150	43	600	60	200
UCDH25	1"	25.4	37	10	150	43	600	60	200
UCDH32	1-1/4"	31.8	44	10	150	43	600	60	200
UCDH38	1-1/2"	38.1	51	10	150	43	600	60	200
UCDH51	2"	50.8	67	10	150	43	600	60	200
UCDH64	2-1/2"	63.5	79	10	150	43	600	60	200
UCDH76	3"	76.2	92	10	150	43	600	60	200
UCDH89	3-1/2"	88.9	105	10	150	43	600	60	200
UCDH102	4"	101.6	119	10	150	43	600	60	200



UHMWPE Chemical Suction & Discharge Hose (Wrapped Surface)



Application: Softwall hose designed with ultra-high molecular weight polyethylene tube, excellent in handling a wide range of chemicals, petroleum products and oils.

Tube: White, smooth, Ultra High Molecular Weight Polyethylene (UHMWPE).

Reinforcement: High strength synthetic cord with helix wire.

Cover: Green or Blue, smooth (wrapped finish), EPDM rubber, resistant to chemical weathering and ozone.

Optional Request: Anti-static wire.

Temperature: -40°C (-40°F) to +120°C (+245°F)

Item Code	ID		OD	Working Pressure		Burst Pressure		Max Length	
	inch	mm	mm	bar	psi	bar	psi	m	ft
UCSD19	3/4"	19.1	31	10	150	43	600	60	200
UCSD25	1"	25.4	37	10	150	43	600	60	200
UCSD32	1-1/4"	31.8	44	10	150	43	600	60	200
UCSD38	1-1/2"	38.1	51	10	150	43	600	60	200
UCSD51	2"	50.8	67	10	150	43	600	60	200
UCSD64	2-1/2"	63.5	79	10	150	43	600	60	200
UCSD76	3"	76.2	92	10	150	43	600	60	200
UCSD89	3-1/2"	88.9	105	10	150	43	600	60	200
UCSD102	4"	101.6	119	10	150	43	600	60	200

Food Hose (Wrapped Surface)



Application: FDA approved food hose designed for the delivery of fatty foods such as milk, edible oil, dairy products ect.

Tube: White, smooth, NBR food quality rubber.

Reinforcement: High strength synthetic cord.

Cover: smooth(wrapped finish) synthetic rubber, weathering and ozone resistant.

Optional request: Anti-static wire.

Temperature: -20°C(-4°F) to +70°C(+158°F)

Item code	I.D.		O.D.	Work Pressure		Burst Pressure		Max.Length	
	inch	mm	mm	bar	psi	bar	psi	m	ft
FDH13	1/2"	12.7	24	10	150	30	450	60	200
FDH18	3/4"	19.1	33	10	150	30	450	60	200
FDH25	1"	25.4	38	10	150	30	450	60	200
FDH32	1-1/4"	31.8	46	10	150	30	450	60	200
FDH38	1-1/2"	38.1	52	10	150	30	450	60	200
FDH50	2"	50.8	68	10	150	30	450	60	200
FDH64	2-1/2"	63.5	80	10	150	30	450	60	200
FDH76	3"	76.2	93	10	150	30	450	60	200
FDH102	4"	101.6	120	10	150	30	450	60	200

Food Suction & Discharge Hose (Wrapped Surface)



Application: FDA approved food hose designed for the delivery of fatty foods such as milk, edible oil, dairy products ect.

Tube: White, smooth, NBR food quality rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: smooth(wrapped finish) synthetic rubber, weathering and ozone resistant.

Optional request: Anti-static wire.

Temperature: -20°C(-4°F) to +70°C(+158°F)

Item code	I.D.		O.D.	Work Pressure		Burst Pressure		Max.Length	
	inch	mm	mm	bar	psi	bar	psi	m	ft
FSDH13	1/2"	12.7	24	10	150	30	450	60	200
FSDH18	3/4"	19.1	33	10	150	30	450	60	200
FSDH25	1"	25.4	38	10	150	30	450	60	200
FSDH32	1-1/4"	31.8	46	10	150	30	450	60	200
FSDH38	1-1/2"	38.1	52	10	150	30	450	60	200
FSDH50	2"	50.8	68	10	150	30	450	60	200
FSDH64	2-1/2"	63.5	80	10	150	30	450	60	200
FSDH76	3"	76.2	93	10	150	30	450	60	200
FSDH102	4"	101.6	120	10	150	30	450	60	200



Oxygen Hose/Acetylene Hose



Application: Designed for welding, cutting and allied processes, specific welding hose catering for oxygen, carbon dioxide, nitrogen, argon and fuel gases including acetylene, natural gas, methane and propane available upon request.

Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic cord.

Cover: Blue/green/red, smooth, synthetic rubber.

Option: Delivery Oxygen (blue) or Acetylene (red).

Optional Request: ISO 3821 (formerly known as EN559).

AS/NZS 1869:1996 Class C.

Temperature: -20°C (-4°F) to +70°C (+158°F).

Item Code	Inner Diameter		Outer Diameter	Working pressure		Burst Pressure		Length	
	inch	mm	mm	bar	psi	bar	psi	m	ft
OH5	5/16"	4.8	12	20	300	60	900	170	600
OH6	1/2"	6.4	13	20	300	60	900	220	800
OH8	5/16"	7.0	15	20	300	60	900	100	330
OH10	3/8"	9.5	17	20	300	60	900	100	330
OH11	1/2"	12.7	21	20	300	60	900	100	330
OH12	5/8"	15.9	28	20	300	60	900	130	430
OH15	3/4"	19.1	29	20	300	60	900	150	510
OH20	1"	25.4	39	20	300	60	900	150	510



Twin Welding Hose



Application

Extruded hose used for welding, cutting and allied processes.

Tube

Black, smooth, synthetic rubber.

Reinforcement

High strength synthetic cord.

Cover

Blue/red, green/red, smooth, synthetic rubber.

Optional Request

ISO 3821 (formerly known as EN559).

Temperature

-20°C (-4°F) to +70°C (+158°F).

Item Code	Inner Diameter		Outer Diameter	Working pressure		Burst Pressure		Length	
	inch	mm	mm	bar	psi	bar	psi	m	ft
TWH5	5/16"	4.8-4.8	12-12	20	300	60	900	120	400
TWH6	1/2"	6.4-6.4	13-13	20	300	60	900	120	400
TWH8	5/16"	7.0-7.0	15-15	20	300	60	900	160	530
TWH10+8	3/8"+1/216"	9.5-7.8	17-15	20	300	60	900	160	530
TWH10	3/8"	9.5-9.5	17-17	20	300	60	900	160	530

Sandblast Hose (Wrapped Surface)



Application: Softwall abrasion resistant hose designed for the delivery of steel shots, sand, etc.

Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic cord.

Cover: Black, smooth (wrapped finish abrasion resistant).

Abrasion loss value: Acc. DIN 53516 $\leq 60\text{mm}^2$

Optional request: TS 5928 EN ISO3361/ISO1307

Temperature: $-40^{\circ}\text{C}(-40^{\circ}\text{F})$ to $+70^{\circ}\text{C}(+158^{\circ}\text{F})$

Item code	I.D.		O.D.		Work Pressure		Burst Pressure		Bending Radius	Weight	Max. length
	inch	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	m
SH13	1/2"	12.7	25	64	147	12	322	35	65	815	10-63
SH15	1/2"	12.7	27	68	147	12	322	35	63	895	10-63
SH16	5/8"	16	28	71	147	12	322	35	65	875	10-63
SH18	5/8"	16	30	76	147	12	322	35	63	875	10-63
SH19	3/4"	19	31	79	147	12	322	35	95	530	10-63
SH18	3/4"	19	34	86	147	12	322	35	90	658	10-63
SH25	1"	25.4	33	84	147	12	322	35	135	813	10-63
SH12	1-1/4"	32	43	109	147	12	322	35	160	1160	10-63
SH38	1-1/2"	38	54	137	147	12	322	35	200	1337	10-63
SH38	1-1/2"	38	56	141	147	12	322	35	190	1531	10-63
SH45	1-3/4"	44.5	60	152	147	12	322	35	290	1468	10-63
SH70	1-3/4"	44.5	63	160	147	12	322	35	270	1820	10-63
SH51	2"	50.8	65	165	147	12	322	35	325	2030	10-63
SH51	2"	50.8	72	183	147	12	322	35	315	2484	10-63
SH65	2-1/2"	63.5	87	221	147	12	322	35	400	2625	10-63
SH78	3"	76.2	94	239	147	12	322	35	490	3030	10-63
SH102	4"	101.6	127	322	147	12	322	35	600	4220	10-63

Concrete Pump Hose (Wrapped Surface)



Application: These concrete hoses are high pressure pump components designed to pump concrete and other thick, abrasive mixtures such as plaster and wet cement at a pressure up to 800psi. The material handling hoses are used as a service between pump and nozzle.

Tube: Black NR/BR rubber blend.

Reinforcement: Multiple textile cords.

Cover: Black NR/SBR rubber blend.

Temperature: $-20^{\circ}\text{C}(-4^{\circ}\text{F})$ to $+80^{\circ}\text{C}(+176^{\circ}\text{F})$

Item code	I.D.		O.D.		Work Pressure		Bending Radius		Max. length	
	inch	mm	inch	mm	bar	psi	inch	mm	m	ft
CPH25	1"	25	45	55	800	8	200	60	60	200
CPH32	1-1/4"	32	51	55	800	10	254	60	60	200
CPH38	1-1/2"	38	57.5	55	800	15	380	60	60	200
CPH51	2"	51	74	55	800	16.1	410	60	60	200
CPH64	2-1/2"	64	87	55	800	20	500	60	60	200
CPH76	3"	76	100	40	600	24	610	60	60	200
CPH102	4"	102	132	40	600	32.9	820	60	60	200
CPH127	5"	127	157	40	600	50	1270	60	60	200
CPH152	6"	152	188	40	600	59.8	1520	60	60	200
CPH203	8"	203	242	40	600	80	2030	60	60	200



SAE 100 R1/EN853 1SN



Hose Code	Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure	
	inch	mm	inch	mm	psi	MPa	psi	MPa
R1-06	1/4	6.4	0.52	13.1	1745	12.0	21365	1.7
R1-08	3/16	7.9	0.78	19.7	1515	10.7	19190	1.0
R1-10	1/2	9.5	0.97	24.7	1115	7.8	14195	0.8
R1-13	1/2	12.7	0.9	22.9	1010	7.0	12810	0.7
R1-16	3/4	12.5	0.92	23.4	1025	7.3	13400	0.7
R1-18	3/4	15.7	1.00	25.4	1000	7.0	13000	0.7
R1-20	1	25.4	1.4	35.5	1015	7.1	13050	0.7
R1-22	1 1/4	31.8	1.69	42.9	625	4.3	11400	0.4
R1-24	1 1/2	38.1	1.75	44.3	510	3.5	9100	0.3
R1-24	2	50.8	1.68	42.7	315	2.2	5075	0.2
Hose Code	Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure	
	inch	mm	inch	mm	psi	MPa	psi	MPa
100-06	1/4	6.4	0.52	13.1	2275	15.8	21300	1.7
100-08	3/16	7.9	0.78	19.7	1515	10.7	19200	1.0
100-10	1/2	9.5	0.97	24.7	1070	7.5	16400	0.7
100-13	1/2	12.7	0.9	22.9	1015	7.0	15000	0.7
100-16	3/4	12.5	0.92	23.4	1010	7.0	14600	0.7
100-18	3/4	15.7	1.00	25.4	1015	7.1	14600	0.7
100-20	1	25.4	1.4	35.5	1015	7.1	14600	0.7
100-22	1 1/4	31.8	1.69	42.9	625	4.3	11500	0.4
100-24	1 1/2	38.1	1.75	44.3	510	3.5	9200	0.3
100-24	2	50.8	1.68	42.7	315	2.2	5075	0.2
100-26	2 1/2	63.5	1.93	49.1	210	1.4	3700	0.1
100-28	3 1/2	89.1	2.00	50.8	110	0.8	1900	0.0
100-30	4	101.6	1.90	48.3	55	0.4	1100	0.0

Application: Medium pressure hydraulic lines. Meets or exceeds the requirements of SAE 100 R1 Type AT and performance requirements of EN853 1SN.

Application Fields: Mine hydraulic support, oilfield extraction machinery, miner road construction machinery.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber.

Temperature: -40°F to +250°F (-40°C to +121°C)



SAE 100 R2/EN853 2SN



Hose Code	Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure	
	inch	mm	inch	mm	psi	MPa	psi	MPa
R2-06	1/4	6.4	0.58	14.7	5075	35	20900	1.9
R2-08	3/16	7.9	0.84	21.3	4510	29.7	17250	1.6
R2-10	1/2	9.5	0.99	25.1	3860	26	15700	1.4
R2-13	1/2	12.7	0.98	24.8	3550	24.5	14210	1.3
R2-16	3/4	15.9	0.98	24.8	2785	19.2	11185	0.9
R2-18	3/4	18.3	1.04	26	2275	15.7	9375	0.8
R2-20	1	25.4	1.48	37.6	2030	14	8125	0.6
R2-22	1 1/4	31.8	1.67	42.5	1640	11.5	6400	0.5
R2-24	1 1/2	38.1	2.11	53.5	1295	9.0	6510	0.3
R2-24	2	50.8	2.80	71.1	1110	7.6	4570	0.3
Hose Code	Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure	
	inch	mm	inch	mm	psi	MPa	psi	MPa
100-06	1/4	6.4	0.58	14.7	5000	34	21000	1.9
100-08	3/16	7.9	0.84	21.3	5075	35	20300	1.9
100-10	1/2	9.5	0.79	15.7	4560	31.8	19300	1.7
100-13	1/2	12.7	0.98	24.8	4000	27.5	16400	1.5
100-16	3/4	15.9	0.99	25.1	3525	24	14300	1.3
100-18	3/4	18.3	1.14	29	3110	21.5	13400	1.1
100-20	1	25.4	1.48	37.6	2400	16.5	9500	0.6
100-22	1 1/4	31.8	1.67	42.5	1810	12.5	7240	0.4
100-24	1 1/2	38.1	2.11	53.5	1300	9	5100	0.3
100-24	2	50.8	2.62	66.5	1175	8.1	4700	0.2
100-26	2 1/2	63.5	3.07	78	770	5	2600	0.0
100-28	3	76	3.50	88.9	580	4	2520	0.0

Application: High-pressure hydraulic lines. Meets or exceeds the requirements of SAE 100 R2-AT performance requirements of EN853 2SN.

Application Fields: For high pressure hydraulic systems in industry and agriculture.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: Two braids of fiber reinforcement.

Cover: Black, oil, abrasion and weather resistant, thin synthetic rubber.

Temperature: -40°F to +250°F (-40°C to +121°C)

SAE 100 R3



Application: Low-pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R3AT.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: Two braids fiber layer.

Cover: Black, oil, abrasion and weather resistant, thin synthetic rubber.

Temperature: -40°F to +250°F (-40°C to +121°C)

Item Code	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure	
	mm	inch	mm	inch	Mpa	psi	Mpa	psi
R3-05	5	3/16	11.3	13.5	10.5	1522.5	42	6050
R3-06	6.3	1/4	13.5	15.1	8.7	1261.5	35	5075
R3-08	8	5/16	16.7	18.3	8.4	1218	33.5	4857.5
R3-10	10	3/8	18.3	19.8	7.8	1131	31.5	4567.5
R3-13	12.5	1/2	21	24.4	7	1015	28	4030
R3-16	16	5/8	26.2	27.8	6.1	884.5	24.5	3552.5
R3-19	19	3/4	31	32.5	5.2	754	21	3045
R3-25	25	1	35.9	39.3	3.9	565.5	15.7	2276.5
R3-32	31.5	1 1/4	42.9	46	2.5	377	10.5	1522.5

SAE 100 R6



Recommended For: Low-pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R6AT.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: one braids fiber layer.

Cover: Black, oil, abrasion and weather resistant, thin synthetic rubber.

Temperature: -40°F to +250°F (-40°C to +121°C)

Item Code	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure	
	mm	inch	mm	inch	Mpa	psi	Mpa	psi
R6-05	5	3/16	10.1	11.0	3.5	507.5	14	2030
R6-06	6.3	1/4	11.9	13.5	2.8	406	11.3	1624
R6-08	8	5/16	14.5	15.1	2.8	406	11.2	1625
R6-10	10	3/8	15.5	16.7	2.8	406	11.2	1625
R6-13	12.5	1/2	19	20.5	2.8	406	11.2	1625
R6-16	16	5/8	22.2	23.8	2.3	348	9.8	1420
R6-19	19	3/4	25.4	27.8	2.1	305	8.4	1220



SAE 100 R9/R10



SAE 100 R9

Item Code	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure	
	inch	inch	mm	mm	psi	MPa	psi	MPa
R9-10	10	3/8	70.8	72.7	31.5	4565	178	18270
R9-12	12.5	1/2	73.8	75.4	38	4060	112	16240
R9-19	19	3/4	82.6	82.7	21	3045	84	12180
R9-25	25	1	88.5	88.9	21	3045	84	12180
R9-32	31.5	1 1/4	98.2	92.4	17.5	2537.5	70	10150
R9-38	38	1 1/2	95.8	98.7	14	2030	56	8130
R9-51	51	2	98.9	97	14	2030	56	8130

SAE 100 R10

Item Code	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure	
	inch	inch	mm	mm	psi	MPa	psi	MPa
R10-06	6.3	1/4	19.8	21.4	51	8845	243	35125
R10-10	10	3/8	28	24.8	52.5	7617.5	212	30450
R10-12	12.5	1/2	27	29.6	43.5	6307.5	175	25175
R10-19	19	3/4	35.7	37.3	35	5075	140	20300
R10-25	25	1	43.3	45.6	28	4060	112	16240
R10-32	31.8	1 3/4	49.2	52.4	21	3045	84	12180
R10-38	38	1 1/2	55.6	58.7	17.5	2537.5	70	10150
R10-51	51	2	69.1	72.1	17.5	2537.5	70	10150

Construction

This hose shall consist of an inner tube of oil resistant synthetic rubber, 4 layers of spiral steel wire wrapped in alternating directions, and an oil and weather resistant synthetic rubber cover.

Tube

Black, oil-resistant synthetic rubber (Nitrile).

Reinforcement

Four alternating layers of spiraled, high-tensile steel wire.



SAE 100 R12



Item Code	Hose I.D.		Hose O.D.		Working Pressure		Min. Burst Pressure	
	inch	mm	inch	mm	psi	MPa	psi	MPa
R12-12	3/8	9.5	0.8	20.3	4000	28	16000	112
R12-18	1/2	12.7	0.94	24.1	4000	28	16000	112
R12-16	5/8	15.9	1.09	27.7	4000	28	16000	112
R12-19	3/4	19	1.21	30.7	4000	28	16000	112
R12-25	1	25.4	1.5	38.1	4000	28	16000	112
R12-32	1 1/4	31.8	1.88	47	4000	28	16000	84
R12-38	1 1/2	38.1	2.11	53.5	2500	17.5	10000	70
R12-51	2	50.8	2.63	66.7	2500	17.5	10000	70

Applications

Hose range suitable for use with petroleum base hydraulic fluids within a temperature range of -40°C - +100°C.

Cover

Black, oil-resistant synthetic (Nitrile).

Temperature

-40°F to +250°F (-40°C to +121°C)

SAE 100 R13/R15



Recommended For

Extremely high pressure, high impulse hydraulic applications. Compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

Tube

Black, oil-resistant synthetic rubber (Nitrile)

Reinforcement

Four (ex for 1 1/4", 1 1/2" and 2") alternating layers of spiraled, high-tensile steel wire.

Cover

Black, oil-resistant synthetic (Nitrile).

Temperature

-40°F to +250°F (-40°C to +121°C)

SAE 100 R13

Item Code	Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure	
	inch	mm	inch	mm	psi	MPa	psi	MPa
R13-10	3/8	9.5	0.94	23.8	10000	69	40000	276
R13-13	1/2	12.7	1.06	27	7500	51.7	30000	207
R13-16	5/16	15.9	1.09	27.7	5000	35	20000	140
R13-19	3/4	19	1.26	32	5000	35	20000	140
R13-25	1	25.4	1.54	39.2	5000	35	20000	140
R13-32	1 1/4	31.8	1.96	49.8	5000	35	20000	140
R13-38	1 1/2	38.1	2.26	57.3	5000	35	20000	140
R13-51	2	50.8	2.83	71.9	5000	35	20000	140

SAE 100 R15

Item Code	Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure	
	inch	mm	inch	mm	psi	MPa	psi	MPa
R15-10	3/8	9.5	0.92	23.3	6000	41.4	24000	165.5
R15-13	1/2	12.7	1.06	26.8	6000	41.4	24000	165.5
R15-19	3/4	19	1.42	36.1	6000	41.4	24000	165.5
R15-25	1	25.4	1.69	42.9	6000	41.4	24000	165.5
R15-32	1 1/4	31.8	2.02	51.5	6000	41.4	24000	165.5
R15-38	1 1/2	38.1	2.35	59.5	6000	41.4	24000	165.5

EN856-4SP / EN856-4SH



Recommended For: Extremely high pressure and high impulse hydraulic applications. This hose is the most flexible EN856 4SP/4SH hose in the industry with superior impulse performance (tested to 1,000,000 impulse cycles at bend radius lower than EN 856 Standard). Compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

Tube: Black, oil-resistant synthetic rubber (Nitrile)

Reinforcement: Four alternating layers of spiraled, high-tensile steel wire

Cover: Black, oil, abrasion and weather resistant synthetic rubber.

Temperature: -40°F to +250°F (-40°C to +121°C)

EN856-4SP

Item Code	Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure	
	inch	mm	inch	mm	psi	MPa	psi	MPa
4SP-10	3/8	9.5	0.83	21.1	6850	45.3	23600	163.4
4SP-13	1/2	12.7	0.99	24.4	6150	42.4	24000	165.5
4SP-16	5/8	15.9	1.09	27.7	5800	40	22200	153
4SP-19	3/4	19	1.24	31.5	3500	27.5	22925	158
4SP-25	1	25.4	1.54	39.1	4550	32.1	20900	143
4SP-32	1 1/4	31.8	1.96	49.8	3050	21	19120	133.8
4SP-38	1 1/2	38.1	2.25	57.2	2585	18.5	13730	95
4SP-51	2	50.8	2.75	69.8	2395	16.5	9570	66

EN856-4SH

Item Code	Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure	
	inch	mm	inch	mm	psi	MPa	psi	MPa
4SH-19	3/4	19	1.24	31.5	6100	42.1	25100	180
4SH-25	1	25.4	1.48	37.6	5600	38.6	25100	180
4SH-32	1 1/4	31.8	1.78	45.2	4050	28.2	20400	140
4SH-38	1 1/2	38.1	2.11	53.5	4200	29	19920	138
4SH-51	2	50.8	2.68	68.1	3625	25	19500	135



Pressure Washer Hose



Recommended For: Heavy duty used on hot and cold water high pressure cleaning equipment where heavy duty service is required.

Tube: Black, oil-resistant synthetic rubber.

Reinforcement: One or two braid of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant synthetic rubber.

Temperature Range:

-40°F to +250°F (-40°C to +121°C)

Item Code	Inner ID		Inner O.D.		Working Pressure		Min. Burst Pressure		Min. Burst Factor		Weight	
	inch	mm	inch	mm	MPa	psi	MPa	psi	inch	mm	Kg/m	lb/ft
CM6.4-13	1/4"	6.4	0.47	12	21	3000	64	12000	102	4	0.15	0.1
CM6.4-20	1/4"	6.4	0.58	15	40	3000	100	12000	102	4	0.24	0.18
CM7.5-13	5/16"	7.9	0.59	15.1	21.5	3120	90	12400	114	4.5	0.17	0.11
CM7.5-20	5/16"	7.9	0.70	17.8	32	3070	140	12700	114	5.5	0.26	0.18
CM9.5-13	3/8"	9.5	0.68	17.3	18	3810	110	16000	121	5	0.30	0.19
CM9.5-20	3/8"	9.5	0.75	19.1	33	4500	110	16200	127	5	0.34	0.22



Paint Spray Hose



Application

High pressure airless spray systems, chemical resistance solvents and aggressive fluids.

Inner Tube: Internal core in polyamide.

Outer tube

Pin picked polyurethane high abrasion resistance.

Reinforcement

1 or 2 high tensile aramidic braid or steel wire braid.

Safety factor: 3:1

Temperature Range

-40°F to +212°F (-40°C to +100°C) max. temperature recommended for water base hydraulic fluids and air; +70°C (158°F)

Item Code	Inner Diameter		Outer Diameter		Working Pressure		Min. Burst Pressure		Min. Burst Factor		Weight	
	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	Kg/m	lb/ft
SPSH-4-1	6.3	1/4	12.5	0.49	22.7	3292	69.1	8874.5	10	0.12		
SPSH-4-2	6.3	1/4	14.0	0.55	40	5830	120	17400	105	0.21		
SPSH-4-3	6.3	1/4	15.5	0.61	50	7250	150	21750	110	0.28		
SPSH-6-1	6.3	5/16	13.8	0.54	22.7	3292	69.1	8874.5	110	0.21		
SPSH-6-2	6.3	5/16	15.0	0.59	40	5830	120	17400	110	0.32		
SPSH-6-3	6.3	5/16	16.5	0.65	50	7250	150	21750	110	0.38		
SPSH-10-1	10.0	3/8	16.6	0.65	22.7	3292	69.1	8874.5	140	0.31		
SPSH-10-2	10.0	3/8	18.1	0.71	40	5830	120	17400	147	0.34		
SPSH-10-3	10.0	3/8	21.8	0.86	50	7250	150	21750	155	0.4		

Automotive Silicone Hose



- Straight 1 Meter Long Silicone Hose



- Elbow 45/90/135 Degree Silicone Hose



- Reducing Elbow 90 Degree/1 Hump Hose



- Bellow Hose With 3 Rings/4 Rings



- Steel Wire Silicone Hose





Silicone Heater Braid Hose



Characteristics

1. Operation temperature -52 °C to +260 °C with excellent bending performance;
2. Containing no organic plasticizers, phthalates or latex additives;
3. Does not release any smell and taste; smooth inner wall sticking no water;
4. High-temperature sterilization and autoclave-worthy.

Applications

Braid silicone hose can be used for laboratory, ultrapure liquid transfer, cell development, drug delivery, disinfection liquid filling and transfer, peristaltic pump, veterinary medicine pharmaceuticals, food and beverage transmission, dairy products, etc.

Item Code	ID		Wall	Ply
	mm	Inch	mm	
SH-1	8	5/16	3.5-4.5	1-2
SH-2	10	3/8	3.5-4.5	1-2
SH-3	12	1/2	3.5-4.5	1-2
SH-4	14	9/16	3.5-4.5	1-2
SH-5	16	5/8	3.5-4.5	1-2
SH-6	19	3/4	3.5-4.5	1-2
SH-7	22	7/8	3.5-4.5	1-2
SH-8	25	1	3.5-4.5	1-2
SH-9	28	1 1/8	3.5-4.5	1-2
SH-10	32	1 1/4	3.5-4.5	1-2



Silicone Vacuum Hose



Construction

Material: 100% High quality silicone Any colors are available

Characteristic

Material: 100% silicone raw material No taste, no toxic, eco-friendly,

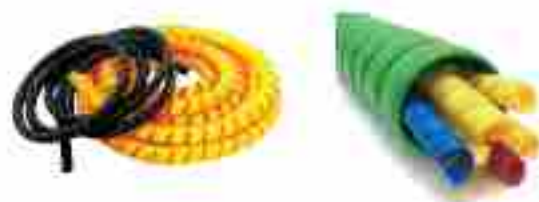
High temperature resistance, aging, operative

Temperature: -40°C – 220°C

For industrial use can use Various colors and sizes are available.

Item Code	ID	OD	ID	OD	Wall
	mm	mm	Inch	Inch	mm
SVH-1	3	7	1/8	2/7	2
SVH-2	3	8	1/8	1/3	2.5
SVH-3	4	7	1/6	2/7	1.5
SVH-4	4	9	1/6	3/8	2.5
SVH-5	4	10	1/6	7/5	3
SVH-6	5	9	1/5	3/8	2
SVH-7	5	10	1/5	7/5	2.5
SVH-8	5	11	1/5	3/7	3
SVH-9	6	11	1/4	3/7	2.5
SVH-10	6	12	1/4	1/2	3
SVH-11	7	13	2/7	1/2	3
SVH-12	8	13	1/3	1/2	2.5
SVH-13	8	14	1/3	5/9	3
SVH-14	9.5	16	3/8	5/8	3.25
SVH-15	57	16	2/5	5/8	3
SVH-16	12	18	1/2	5/7	3

Spiral Guard Hose Protector



Recommended For

The use of Spiral Guard Wrap is an economical and convenient method of protecting and extending the life of hydraulic and pneumatic hoses, cables, wires and rope from premature wear. Manufactured from extruded high density polyethylene (HDPE), Spiral Guard Wrap will withstand the extremes of climate and operating conditions. Spiral Guard Wrap protects against abrasion, cuts, crushing, UV and various hazards. Spiral Guard Wrap's open spiral design allows for simple installation in the field without the need to disconnect lines.

Item Code	I.D.		Thickness	Width	Applied for
	mm	inch	mm	inch	mm
HPS-8	8	5/16"	1.5	7	8-10
HPS-10	10	3/8"	1.5	10	10-12
HPS-12	12	1/2"	1.5	12	12-14
HPS-14	14	11/20"	1.5	13	14-16
HPS-16	16	5/8"	2	15.5	16-18
HPS-18	18	3/4"	2	16	18-20
HPS-20	20	4/5"	2.2	18	20-22
HPS-22	22	43/50"	2.2	19.5	22-25
HPS-25	25	1"	2.2	22.5	25-28



Material

High-density polyethylene, spiral-formed protection system, wear, cut, and crush-resistant polymer tensile strength 25Mpa at room temperature.

Application

Mining, equipment, forestry, agriculture, trucking, automotive applications.

Temperature Range

-60°F to +210°F (-50°C to +100°C)

Item Code	I.D.		Thickness	Width	Applied for
	mm	inch	mm	mm	mm
HPS-28	28	1-1/10"	2.2	23	28-30
HPS-30	30	1-9/50"	2.5	23	30-32
HPS-32	32	1-1/4"	2.5	23.5	32-35
HPS-35	35	1-19/50"	2.5	26	35-38
HPS-38	38	1-1/2"	3	28	38-40, 42
HPS-40	40	1-29/50"	3	28	40-42
HPS-42	42	1-13/20"	3.5	28	42-45
HPS-45	45	1-39/50"	3.5	28	45-50
HPS-50	50	2"	3.5	28	50-60
HPS-60	60	2-1/2"	4	28	60-71
HPS-74	74	2-9/10"	4	46.5	74-80
HPS-80	80	3-3/20"	4.5	48.5	80-88
HPS-88	88	3-1/2"	4.5	50	88-100
HPS-100	100	4"	4.5	57	100-110
HPS-130	130	5"	4.5	50	130-155
HPS-150	150	6"	4.5	50	150-200
HPS-200	200	7-22/25"	5	50	200



American Type Hose Clamp



Material

W1: All parts are carbon steel with zinc plated.

W2: Band and housing are stainless steel, screw is carbon steel with zinc plated.

W4: All parts are stainless steel (201 or 304).

Band Width(mm)	Size(mm)	Band Width(mm)	Size(mm)
8mm	6-12	12.7mm	18-32
	10-16		21-38
	11-20		21-44
	13-23		27-51
	16-25		33-57
12.7mm	13-23		40-63
	16-25		46-70
	14-27		52-76
	59-82		110-134
	65-89		118-140
	72-89		125-146
	78-101		130-152
	84-108		133-159
	91-114		143-165
	95-120		146-171
	105-127		155-178



Germany Type Hose Clamp



Material

W1: All parts are carbon steel with zinc plated.

W2: Band and housing are stainless steel, screw is carbon steel with zinc plated.

W4: All parts are stainless steel (201 or 304).

Band Width(mm)	Size(mm)	Band Width(mm)	Size(mm)
9mm	8-12	12mm	12-20
	10-16		12-22
	12-20		16-25
	12-22		16-27
	16-25		20-32
	16-27		25-40
	20-32		32-50
	25-40		40-60
	32-50		50-70
	40-60		60-80
	50-70		70-90
	60-80		80-100
	70-90		90-110
	80-100		100-120
	90-110		110-130
	100-120		120-140
	110-130		

Superior / Double-Bolt / Double-wire Clamp



Material

W1: All parts are carbon steel with zinc plated.
 W2: Band and housing are stainless steel, screw is carbon steel with zinc plated.
 W4: All parts are stainless steel (201 or 304).
 W5: All parts are 316 stainless steel.



Material

W1: All parts are carbon steel with zinc plated.
 W4: All parts are stainless steel (201 or 304).
 W5: All parts are 316 stainless steel.



Material

W1: All parts are carbon steel with zinc plated.
 W4: All parts are stainless steel (201 or 304).

Superior Clamp

Band Width(mm)	Size(mm)	Band Width(mm)	Size(mm)
18mm	17-19	24mm	86-91
	20-22		92-97
	23-25		98-103
	26-28		104-112
20mm	29-31		113-121
	32-35		122-130
	36-39	26mm	131-139
	40-43		140-148
22mm	44-47		149-161
	48-51		162-174
	52-55		175-187
	56-59		188-200
	60-63		201-213
24mm	64-67		214-226
	68-73		227-239
	74-79		240-252
	80-85		

Double-Bolt Clamp

Band Width(mm)	Size(mm)	Band Width(mm)	Size(mm)
20mm	35-45	24mm	130-140
	40-50		140-150
	45-55		150-160
	50-60		160-170
	60-70		170-180
	65-75		180-190
	70-80		190-200
	75-85		200-210
	80-90		210-220
	85-95		210-230
24mm	90-100		230-240
	100-110		240-250
	110-120		250-260
	120-130		260-270

Double-wire Clamp

Size(mm)					
15	13	18	19	23	28
29	32	38	42	45	51
57	64	70	76	83	



Camlock Quick Coupling

Material : Aluminium, Stainless steel, Brass, PP		Material : Aluminium, Stainless steel, Brass, PP	
TYPE A	Male Adapter X Female	TYPE B	Female Coupler X Male
Size(Inch)		Size(Inch)	
1/2"		1/2"	
3/4"		3/4"	
1"		1"	
1-1/4"		1-1/4"	
1-1/2"		1-1/2"	
2"		2"	
2-1/2"		2-1/2"	
3"		3"	
4"		4"	
5"		5"	
6"		6"	
8"		8"	

Material : Aluminium, Stainless steel, Brass, PP		Material : Aluminium, Stainless steel, Brass, PP	
TYPE C	Female Coupler X Hose Shank	TYPE D	Female Coupler X Female
Size(Inch)		Size(Inch)	
1/2"		1/2"	
3/4"		3/4"	
1"		1"	
1-1/4"		1-1/4"	
1-1/2"		1-1/2"	
2"		2"	
2-1/2"		2-1/2"	
3"		3"	
4"		4"	
5"		5"	
6"		6"	
8"		8"	

Material : Aluminium, Stainless steel, Brass, PP		Material : Aluminium, Stainless steel, Brass, PP	
TYPE E	Male Adapter X Hose	TYPE F	Male Adapter X Male
Size(Inch)		Size(Inch)	
1/2"		1/2"	
3/4"		3/4"	
1"		1"	
1-1/4"		1-1/4"	
1-1/2"		1-1/2"	
2"		2"	
2-1/2"		2-1/2"	
3"		3"	
4"		4"	
5"		5"	
6"		6"	
8"		8"	

Material : Aluminium, Stainless steel, Brass, PP		Material : Aluminium, Stainless steel, Brass, PP	
TYPE GC	Dust Cap	TYPE DP	Dust Plug
Size(Inch)		Size(Inch)	
1/2"		1/2"	
3/4"		3/4"	
1"		1"	
1-1/4"		1-1/4"	
1-1/2"		1-1/2"	
2"		2"	
2-1/2"		2-1/2"	
3"		3"	
4"		4"	
5"		5"	
6"		6"	
8"		8"	

Hydraulic Hose Fittings



Ferrules



Ferrules



00110



00201



00400



01400



00621

Metric hose fittings



Metric



10612



20411



20791-T



20511



20691

British hose fittings



BSP



22211



22611



22691



22141



22241

American hose fittings



American



14211



15611



21611



24291



26711



26791



27341



87311



87391



16712



87643

Certificate



Production Line





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