



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 thermoplastic, 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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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.

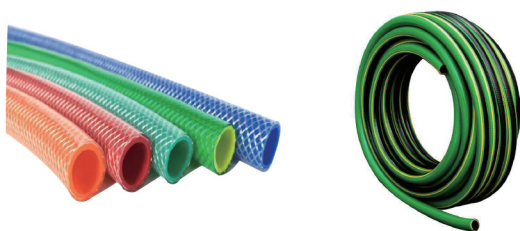
Applications:Being widely used for irrigation and washing in the parks, community, factories and families.

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

Temperature: -5°C~65°C

Item Code	Size			Length	W.P.		B.P.		Weight	Volume
	I.D.		O.D.		psi	bar	psi	bar		
	inch	mm								
PGH-10	3/8"	10	14	50	116	8	348	24	5.05	0.016
PGH-11	1/2"	11	15	15	116	8	348	24	1.64	0.008
PGH-12A	1/2"	12	15.4	7.5	87	6	261	18	0.74	0.004
PGH-12B	1/2"	12	15.4	15	87	6	261	18	1.47	0.006
PGH-12C	1/2"	12	15.4	20	87	6	261	18	1.96	0.010
PGH-12D	1/2"	12	15.4	22.5	87	6	261	18	2.21	0.009
PGH-12E	1/2"	12	15.4	30	87	6	261	18	2.94	0.009
PGH-12F	1/2"	12	16	50	102	7	304.5	21	5.9	0.022
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-15A	5/8"	15	20	50	87	6	290	20	9.2	0.026
PGH-15B	5/8"	15	19	25	87	6	290	20	3.58	0.017
PGH-15C	5/8"	15	19	30	87	6	290	20	4.29	0.016
PGH-16A	5/8"	16	21	10	73	5	261	18	1.95	0.008
PGH-16B	5/8"	16	21	30	73	5	261	18	5.85	0.022
PGH-16C	5/8"	16	21	50	73	5	261	18	9.75	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	3	130.5	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.

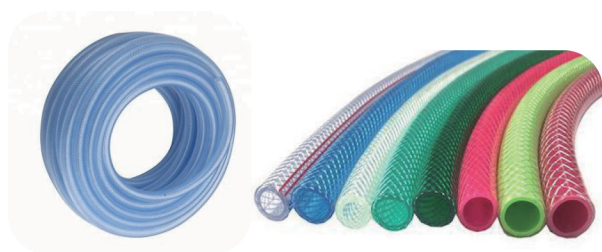
Characteristics:Colorful, light, flexible, elastic, portable and with excellent adaptability.

Temperature: -5°C~65°C

Item Code	Size			Length	W.P.		B.P.		Weight	Volume
	I.D.		O.D.							
	inch	mm	mm	m/roll	psi	bar	psi	bar	kg/roll	m³
KGH-1216	1/2"	12	16	30	73	5	261	18	3.57	0.0115
KGH-1217	1/2"	12	17	30	87	6	290	20	4.62	0.0115
KGH-1620	5/8"	16	20	30	73	5	218	15	4.59	0.019
KGH-1621	5/8"	16	21	30	87	6	261	18	5.88	0.02
KGH-1924	3/4"	19	24	30	58	4	174	12	6.84	0.026
KGH-1925	3/4"	19	25	30	73	5	218	15	8.4	0.027
KGH-2530	1"	25	30	30	58	4	174	12	8.73	0.0414
KGH-2531	1"	25	31	30	58	4	174	12	10.68	0.042

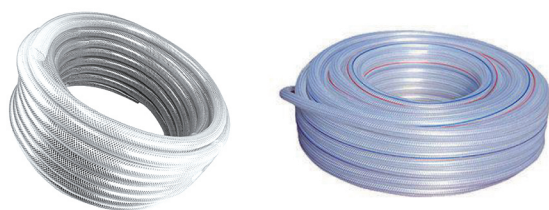


PVC Fibre Reinforced Hose



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			W.P.		B.P.		Length	Weight	Volume
	I.D		O.D							
	inch	mm		mm	psi	bar	psi	bar	m/roll	kg/roll
PFH-05	13/64"	5	9	116	8	363	25	100	5.8	0.012
PFH-06	1/4"	6	10	145	10	435	30	100	6.6	0.015
PFH-06B	1/4"	6	11	145	10	435	30	100	8.8	0.018
PFH-06C	1/4"	6	12	145	10	435	30	100	11.2	0.019
PFH-08	5/16"	8	12	145	10	435	30	100	8.3	0.019
PFH-08B	5/16"	8	13	145	10	435	30	100	10.9	0.025
PFH-08C	5/16"	8	14	145	10	435	30	100	13.7	0.029
PFH-09	3/8"	9	13	131	9	392	27	100	9.1	0.025
PFH-09B	3/8"	9	14	131	9	392	27	100	11.9	0.029
PFH-10	13/32"	10	14	116	8	348	24	100	9.9	0.029
PFH-10B	13/32"	10	15	116	8	348	24	100	13	0.032
PFH-10C	13/32"	10	16	116	8	348	24	100	16.2	0.038
PFH-12	1/2"	12	16	102	7	305	21	100	11.6	0.038
PFH-12B	1/2"	12	17	102	7	305	21	100	15	0.042
PFH-12C	1/2"	12	18	131	9	392	27	100	18.7	0.045
PFH-13	1/2"	13	17	87	6	261	18	100	12.4	0.042
PFH-13B	1/2"	13	18	87	6	261	18	100	16.1	0.045
PFH-13C	1/2"	13	19	116	8	348	24	100	19.9	0.052
PFH-14	35/64"	14	19	102	7	305	21	100	17.1	0.052
PFH-14B	35/64"	14	20	102	7	305	21	100	21.1	0.057
PFH-15	5/8"	15	19	87	6	261	18	50	7.05	0.030
PFH-15B	5/8"	15	20	102	7	305	21	50	9.05	0.030
PFH-15C	5/8"	15	21	116	8	348	24	50	11.2	0.030
PFH-16	5/8"	16	20	73	5	218	15	50	7.45	0.030
PFH-16B	5/8"	16	21	102	7	305	21	50	9.6	0.030
PFH-16C	5/8"	16	22	116	8	348	24	50	11.8	0.031
PFH-18	45/64"	18	24	87	6	261	18	50	13.05	0.035



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

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
PFH-19	3/4"	19	23	58	4	174	12	50	8.7	0.043
PFH-19B	3/4"	19	24	58	4	174	12	50	11.15	0.043
PFH-19C	3/4"	19	25	102	7	305	21	50	13.7	0.045
PFH-19C	3/4"	19	26	116	8	348	24	50	16.3	0.050
PFH-20	25/32"	20	25	87	6	261	18	50	11.65	0.046
PFH-20B	25/32"	20	26	87	6	261	18	50	14.3	0.048
PFH-20C	25/32"	20	27	102	7	305	21	50	17.05	0.051
PFH-20D	25/32"	20	28	102	7	305	21	50	19.9	0.057
PFH-22	7/8"	22	27	73	5	218	15	50	12.7	0.056
PFH-22B	7/8"	22	28	87	6	261	18	50	15.55	0.058
PFH-22C	7/8"	22	29	87	6	261	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	73	5	218	15	50	17.4	0.072
PFH-25C	1"	25	32	73	5	218	15	50	20.65	0.077
PFH-25D	1"	25	33	87	6	261	18	50	24.05	0.079
PFH-32	1-1/4"	32	39	58	4	174	12	40	20.6	0.119
PFH-32B	1-1/4"	32	40	73	5	218	15	40	23.88	0.119
PFH-32C	1-1/4"	32	41	73	5	218	15	40	27.24	0.103
PFH-32D	1-1/4"	32	42	73	5	218	15	40	30.68	0.103
PFH-38	1-1/2"	38	45	58	4	174	12	40	24.08	0.151
PFH-38B	1-1/2"	38	46	58	4	174	12	40	27.84	0.151
PFH-38C	1-1/2"	38	48	58	4	174	12	40	35.64	0.155
PFH-45	1-3/4"	45	55	58	4	174	12	40	41.44	0.217
PFH-50	2"	50	58	44	3	131	9	40	35.8	0.198
PFH-50B	2"	50	59	58	4	174	12	40	40.68	0.198
PFH-50C	2"	50	60	58	4	174	12	40	45.6	0.198
PFH-50D	2"	50	62	58	4	174	12	40	55.72	0.209
PFH-64	2-1/2"	64	78	58	4	174	12	40	82.4	0.304
PFH-75	3"	75	90	58	4	174	12	40	102.6	0.35



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 cooper wire into 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	I.D		O.D	Vacuum		W.P.		B.P.		Length	Weight	Volume
	inch	mm		psi	bar	psi	bar	psi	bar			
PSWH-06	1/4"	6	11	-15	-1	160	11	479	33	100	10	0.028
PSWH-08	5/16"	8	14	-15	-1	160	11	479	33	100	15.5	0.039
PSWH-10	3/8"	9	14	-15	-1	145	10	435	30	100	13.5	0.027
		10	15	-15	-1	145	10	435	30	100	14.7	0.041
		9	15	-15	-1	160	11	479	33	100	17	0.029
		10	16	-15	-1	160	11	479	33	100	18.4	0.045
PSWH-12	1/2"	12	17	-15	-1	131	9	435	30	100	17.1	0.044
		12	18	-15	-1	145	10	435	30	100	21.2	0.049
PSWH-16	5/8"	15	22	-15	-1	145	10	435	30	100	30.5	0.074
		15	21	-15	-1	131	9	435	30	100	25.4	0.074
		16	20	-15	-1	116	8	290	20	100	17	0.061
		16	23	-15	-1	131	9	435	30	100	32.1	0.063
PSWH-20	3/4"	19	26	-15	-1	145	10	435	30	50	18.55	0.052
		19	25.5	-15	-1	116	8	290	20	50	17.05	0.050
		20	26	-15	-1	116	8	290	20	50	16.25	0.050
		20	24.5	-15	-1	116	8	290	20	50	11.8	0.050
PSWH-22	7/8"	22	30	-15	-1	116	8	290	20	50	24.5	0.065
		22	27	-15	-1	116	8	290	20	50	14.4	0.058
PSWH-25	1"	25	33	-15	-1	145	10	363	25	50	27.3	0.085
		25	29	-15	-1	102	7	290	20	50	12.7	0.065
		25	30	-15	-1	102	7	290	20	50	16.2	0.069
		25	32	-15	-1	102	7	290	20	50	23.5	0.078



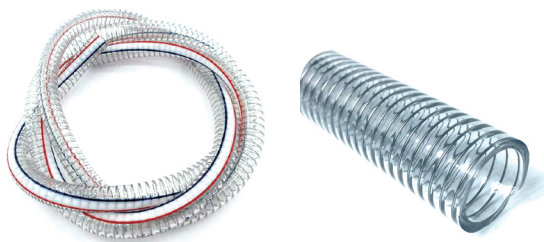
Workshop

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	I.D		O.D	Vacuum		W.P.		B.P.		Length	Weight	Volume
	inch	mm		psi	bar	psi	bar	psi	bar			
PSWH-32	1-1/4"	32	41	-15	-1	102	7	290	20	40	30.96	0.106
		32	36	-15	-1	73	5	276	19	50	16	0.124
		32	38.6	-15	-1	73	5	276	19	50	27.45	0.133
		32	41	-15	-1	87	6	290	20	50	38.7	0.152
		32	41.6	-15	-1	87	6	290	20	50	44.1	0.130
PSWH-38	1-1/2"	38	48	-15	-1	87	6	261	18	40	40.52	0.154
		38	42.8	-15	-1	73	5	232	16	50	22.85	0.154
		38	44	-15	-1	73	5	232	16	50	28.95	0.161
		38	44.6	-15	-1	73	5	232	16	50	32.1	0.169
		38	45.5	-15	-1	87	6	261	18	50	36.85	0.173
PSWH-45	1-3/4"	38	46.4	-15	-1	87	6	261	18	50	41.75	0.184
		45	56	-15	-1	87	6	247	17	40	52.32	0.190
		45	50	-15	-1	73	5	232	16	50	27.95	0.198
		45	52	-15	-1	73	5	232	16	50	40	0.211
PSWH-48	1-7/8"	45	53	-15	-1	73	5	232	16	50	46.15	0.229
		48	59	-15	-1	73	5	232	16	40	59.12	0.208
		48	54.6	-15	-1	73	5	218	15	50	42.55	0.234
		48	56.4	-15	-1	73	5	218	15	50	55.05	0.262
PSWH-50	2"	48	58	-15	-1	73	5	218	15	50	66.55	0.267
		50	62	-15	-1	73	5	232	16	40	67.52	0.276
		50	55.6	-15	-1	73	5	145	10	50	37.15	0.258
		50	57.2	-15	-1	73	5	203	14	50	48.45	0.268
		50	58.2	-15	-1	73	5	203	14	50	55.7	0.273
PSWH-58	2-5/46"	50	60	-15	-1	73	5	218	15	50	69.1	0.289



PVC Steel Wire Hose



Characteristics: This hose, with steel wire screwing inlaid 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	I.D		O.D	Vacuum		W.P.		B.P.		Length	Weight	Volume
	inch	mm		psi	bar	psi	bar	psi	bar			
PSWH-64	2-1/2"	63	80	-15	-1	73	5	203	14	30	94.47	0.330
		64	72.3	-15	-1	58	4	145	10	40	58.6	0.351
		64	75	-15	-1	58	4	145	10	40	79.2	0.370
		64	76	-15	-1	58	4	145	10	40	87.04	0.370
		64	77	-15	-1	58	4	145	10	40	94.96	0.389
PSWH-75	3"	75	91	-15	-1	73	5	189	13	30	103.2	0.436
		75	84	-15	-1	58	4	145	10	40	74.16	0.504
		75	85	-15	-1	58	4	145	10	40	82.88	0.504
		75	87	-15	-1	58	4	145	10	40	100.72	0.681
		75	89	-15	-1	58	4	145	10	40	118.96	0.715
PSWH-90	3-1/2"	90	108	-15	-1	58	4	174	12	20	95.12	0.640
PSWH-100	4"	100	118	-15	-1	44	3	145	10	20	104.74	0.505
		102	112	-15	-1	44	3	145	10	30	175.68	0.667
		102	114	-15	-1	44	3	145	10	30	103.77	0.676
		102	115	-15	-1	44	3	145	10	30	112.95	0.706
		102	118	-15	-1	44	3	145	10	30	140.91	0.716
PSWH-110	4-3/8"	110	123	-15	-1	44	3	145	10	20	80.84	0.810
PSWH-117	4-5/8"	117	133	-15	-1	44	3	145	10	20	109.9	1.024
PSWH-127	5"	127	143	-15	-1	44	3	145	10	20	118.7	1.243
PSWH-140	5-1/2"	140	156	-15	-1	44	3	145	10	10	65.06	0.627
PSWH-152	6"	152	170	-15	-1	44	3	145	10	10	81.9	0.765
PSWH-160	6-5/16"	160	176	-15	-1	44	3	145	10	10	75.96	0.922
PSWH-180	7"	180	196	-15	-1	44	3	145	10	10	85.01	1.156
PSWH-200	8"	200	224	-15	-1	44	3	145	10	10	143.79	1.426



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							
	inch	mm	mm	m/roll	psi	bar	psi	bar	kg/roll	m³
PCH-06	1/4"	6	8	100	21.75	1.5	65.3	4.5	2.9	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	4.6	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	35.8	0.262



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	30m/Roll Packing Dimension
	inch	mm				D*H (m)
PS1923	3/4"	19	23	2	50	0.6*0.28
PS1925		19	25	3	50	0.6*0.28
PS2529	1"	25	29	2	50	0.6*0.32
PS2531		25	31	3	50	0.6*0.32
PS2532	1-1/4"	25	32	3.5	50	0.6*0.32
PS3236		32	36	2	50	0.7*0.28
PS3238		32	38	3	50	0.7*0.28
PS3239		32	39	3.5	50	0.7*0.28
PS3240	1-1/2"	32	40	4	50	0.7*0.32
PS3844		38	44	3	50	0.7*0.32
PS3845		38	45	3.5	50	0.7*0.32
PS3846		38	46	4	50	0.7*0.32
PS3847	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	2.5"	50	57	3.5	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	69	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, anti-aging. 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 +65°C

Item Code	I.D.		O.D.	Thickness	Max Length	30m/Roll Packing Dimension
	inch	mm				D*H (m)
PS7581	3"	75	81	3	50	1.3*0.25
PS7582		75	82	3.5	50	1.3*0.25
PS7583		75	83	4	50	1.3*0.25
PS7584		75	84	4.5	50	1.3*0.25
PS7585		75	85	5	50	1.3*0.25
PS7586		75	86	5.5	50	1.3*0.25
PS7587		75	87	6	50	1.3*0.25
PS100108	4"	100	108	4	50	2.0*0.22
PS100109		100	109	4.5	50	2.0*0.22
PS100110		100	110	5	50	2.0*0.22
PS100111		100	111	5.5	50	2.0*0.22
PS100112		100	112	6	50	2.0*0.22
PS100114		100	114	7	50	2.0*0.22
PS100116		100	116	8	50	2.0*0.22
PS125135	5"	125	135	5	30	2.0*0.22
PS125137		125	137	6	30	2.0*0.22
PS125139		125	139	7	30	2.0*0.22
PS125141		125	141	8	30	2.0*0.22
PS150164	6"	150	164	7	30	2.3*0.35
PS150166		150	166	8	30	2.3*0.35
PS150168		150	168	9	30	2.3*0.35
PS150170		150	170	10	30	2.3*0.35
PS150174		150	174	12	30	2.3*0.35
PS150169	8"	150	169	9.5	30	2.3*0.35
PS200214		200	214	7	12	
PS200216		200	216	8	12	
PS200222	10"	200	222	11	12	
PS254270		254	270	8	12	
PS254274		254	274	10	12	
PS305321	12"	305	321	8	12	
PS305325		305	325	10	12	
PS305329		305	329	12	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-erosion, 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-06	1/4"	6.4	12	290	20	870	60	100	10.8	0.024
PAIR-08	5/16"	8	14	290	20	870	60	100	13	0.026
PAIR-10	3/8"	10	16	290	20	870	60	100	16.5	0.041
PAIR-13	1/2"	13	20	290	20	870	60	50	12.2	0.029
PAIR-16	5/8"	16	25	290	20	870	60	50	19.6	0.040
PAIR-19	3/4"	19	28	290	20	870	60	50	24	0.056
PAIR-25	1"	25	34	218	15	653	45	50	30	0.094
PAIR-32	1-1/4"	32	44	218	15	653	45	50	48	0.166
PAIR-38	1-1/2"	38	50	218	15	653	45	50	56	0.271
PAIR-50	2"	50	64	145	10	435	30	50	84.6	0.375



PVC Gas Hose



Application: Being used for conveying gas and liquid under low pressure. Specially 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	psi	bar	psi	bar	kg/roll	m³
PGAS-06	1/4"	6	11	100	290	20	870	60	8.81	0.038
PGAS-09	5/16"	8	13.5	100	290	20	870	60	11.4	0.065
PGAS-10	3/8"	10	16	100	290	20	870	60	12.95	0.075
PGAS-13	1/2"	13	20	100	290	20	870	60	16.06	0.085
PGAS-16	5/8"	16	25	50	290	20	870	60	11.81	0.056
PGAS-19	3/4"	19	28	50	217.5	15	652.5	45	16.32	0.057
PGAS-25	1"	25	34	50	217.5	15	652.5	45	27.51	0.09

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	Weight	Volume
	inch	mm	psi	bar	psi	bar	m/roll	kg/m	m ³
PLHS20	3/4"	20	58	4	218	15	100	0.14	0.014
PLHS25	1"	25	58	4	218	15	100	0.15	0.019
PLHS32	1-1/4"	32	58	4	218	15	100	0.17	0.023
PLHS38	1-1/2"	38	58	4	218	15	100	0.21	0.026
PLHS51	2"	51	58	4	174	12	100	0.23	0.039
PLHS64	2.5"	64	58	4	174	12	100	0.32	0.047
PLHS76	3"	76	58	4	174	12	100	0.36	0.060
PLHS102	4"	102	58	4	174	12	100	0.55	0.083
PLHS125	5"	127	58	4	174	12	100	0.75	0.109
PLHS153	6"	153	58	4	174	12	100	0.90	0.141
PLHS203	8"	203	58	4	174	12	100	1.80	0.193
PLHS254	10"	254	58	4	174	12	50	2.60	0.178
PLHS305	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	Weight	Volume
	inch	mm	psi	bar	psi	bar	m/roll	kg/m	m ³
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	0.19	0.023
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	0.026
PLHM51	2"	51	87	6	261	18	100	0.30	0.039
PLHM64	2.5"	64	87	6	261	18	100	0.45	0.047
PLHM76	3"	76	87	6	261	18	100	0.50	0.060
PLHM102	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/roll	kg/m	m ³
PLHH20	3/4"	20	145	10	435	30	50	0.15	0.007
PLHH25	1"	25	145	10	435	30	50	0.20	0.010
PLHH32	1-1/4"	32	145	10	435	30	50	0.21	0.012
PLHH38	1-1/2"	38	145	10	435	30	50	0.29	0.013
PLHH40	1-1/2"	40	145	10	435	30	50	0.30	0.013
PLHH45	1-3/4"	45	145	10	435	30	50	0.35	0.018
PLHH51-1	2"	51	116	8	348	24	50	0.35	0.020
PLHH51-2	2"	51	145	10	435	30	50	0.42	0.020
PLHH64	2.5"	64	145	10	435	30	50	0.70	0.024
PLHH76-1	3"	76	116	8	348	24	50	0.66	0.030
PLHH76-2	3"	76	145	10	435	30	50	0.85	0.030
PLHH102	4"	102	116	8	348	24	50	1.00	0.042
PLHH102	4"	102	145	10	435	30	50	1.20	0.042
PLHH153	6"	153	116	8	348	24	50	2.20	0.071
PLHH203	8"	203	116	8	348	24	50	2.80	0.010



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: bending 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
	I.D			O.D				
	inch	mm	mm	psi	bar	psi	bar	m/roll
PSPH-06A	1/4"	6.5	11.5	624	43	1885	130	100
PSPH-08A1	5/16"	8	13	580	40	1740	120	100
PSPH-08A2	5/16"	8	13.5	580	40	1740	120	100
PSPH-08A3	5/16"	8.5	13.5	580	40	1740	120	100
PSPH-08A4	5/16"	8	14	580	40	1740	120	100
PSPH-10A	3/8"	10	15	580	40	1740	120	100

3 PVC and 2 ply high pressure spray hose

Item Code	Size			W.P.		B.P.		Length
	I.D			O.D				
	inch	mm	mm	psi	bar	psi	bar	m/roll
PSPH-06B	1/4"	6.5	12	870	60	2610	180	100
PSPH-08B1	5/16"	8	13.5	870	60	2610	180	100
PSPH-08B2	5/16"	8	14	870	60	2610	180	100
PSPH-08B3	5/16"	8.5	14	870	60	2610	180	100
PSPH-10B	3/8"	10	16	725	50	2175	150	100
PSPH-13B	1/2"	13	19	725	50	2030	140	100

Full Dense Braided High Pressure Spray Hose

Item Code	Size			W.P.		B.P.		Length
	I.D			O.D				
	inch	mm	mm	psi	bar	psi	bar	m/roll
PSPH-06C	1/4"	6.5	12	899	62	2683	185	100
PSPH-08C1	5/16"	8	13.5	870	60	2610	180	100
PSPH-08C2	5/16"	8	14	870	60	2610	180	100
PSPH-08C3	5/16"	8.5	14	870	60	2610	180	100
PSPH-10C	3/8"	10	16	798	55	2393	165	100
PSPH-13C	1/2"	13	19	725	50	2175	150	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	mm	m/roll
PU2030	2	3	145	10	464	32	8	200
PU2540	2.5	4	145	10	464	32	10	200
PU3050	3	5	145	10	464	32	8	200
PU4060	4	6	116	8	348	24	15	200
PU5080	5	8	145	10	464	32	20	100
PU5580	5.5	8	116	8	348	24	20	100
PU6080	6	8	87	6	261	18	23	100
PU6510	6.5	10	116	8	348	24	25	100
PU8010	8	10	87	6	261	18	30	100
PU8012	8	12	116	8	348	24	35	100
PU9012	9	12	87	6	261	18	40	100
PU1014	10	14	116	8	348	24	45	100
PU1216	12	16	116	8	348	24	70	100
PU1316	13	16	87	6	261	18	80	100

PU Coil Hose



Characteristics:Good elasticity,it is easy to operate,save space,Absorbing impact and reduce the hose to rub,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/pc
PUC508060	5	8	116	8	348	24	6
PUC508090	5	8	116	8	348	24	9
PUC508012	5	8	116	8	348	24	12
PUC508015	5	8	116	8	348	24	15
PUC651060	6.5	10	116	8	348	24	6
PUC651090	6.5	10	116	8	348	24	9
PUC651012	6.5	10	116	8	348	24	12
PUC651015	6.5	10	116	8	348	24	15
PUC801260	8	12	116	8	348	24	6
PUC801290	8	12	116	8	348	24	9
PUC801212	8	12	116	8	348	24	12
PUC801215	8	12	116	8	348	24	15
PUC121612	12	16	116	8	348	24	12
PUC121615	12	16	116	8	348	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-04	3/16"	4.8	12	20	300	60	900	120	400
RAS-06	1/4"	6.4	13	20	300	60	900	120	400
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-12	1/2"	12.7	21	20	300	60	900	100	330
RAS-15	5/8"	15.9	26	20	300	60	900	100	330
RAS-19	3/4"	19.1	29	20	300	60	900	100	330
RAS-25	1"	25.4	36	20	300	60	900	100	330
RAS-31	1-1/4"	31.8	44	15	225	45	675	60	200
RAS-38	1-1/2"	38.1	54	15	225	45	675	60	200
RAS-50	2"	50.8	66	15	225	45	675	60	200



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	120	400
CAH-6	1/4"	6.4	13	20	300	60	900	120	400
CAH-8	5/16"	7.9	15	20	300	60	900	100	330
CAH-10	3/8"	9.5	17	20	300	60	900	100	330
CAH-12	1/2"	12.7	23	20	300	60	900	100	330
CAH-19	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-76	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.		Work Pressure		Burst Pressure		Bending Radius		Weight		Max. Length	
	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	lbs/ft	kg/m	ft	m
HWH06	1/4"	6	0.55	14	225	15	675	45	2	50	0.1	0.15	328	100
HWH08	5/16"	8	0.63	16	225	15	675	45	3.5	90	0.11	0.17	328	100
HWH10	3/8"	10	0.7	17	225	15	675	45	5.1	130	0.17	0.25	328	100
HWH19	3/4"	19	1.1	29	225	15	675	45	9.4	240	0.4	0.6	328	100
HWH22	7/8"	22	1.34	34	225	15	675	45	11	280	0.46	0.68	328	100
HWH25	1"	25	1.4	35	225	15	675	45	14.8	375	0.63	0.93	328	100
HWH32	1-1/4"	32	1.7	42	225	15	675	45	16.5	420	0.84	1.25	196	60
HWH38	1-1/2"	38	2.1	53	150	10	450	30	19.7	500	0.99	1.47	196	60
HWH45	1-3/4"	45	2.36	60	150	10	450	30	24.8	630	1.18	1.76	196	60
HWH51	2"	51	2.56	65	150	10	450	30	24.8	630	1.29	1.92	196	60
HWH57	2-1/4"	57	2.92	74	150	10	450	30	33.7	855	1.42	2.11	196	60
HWH64	2-1/2"	64	3.23	82	150	10	450	30	37.8	960	1.72	2.56	196	60
HWH76	3"	76	3.7	94	150	10	450	30	44.9	1140	1.99	2.96	196	60
HWH90	3-1/2"	90	4.25	108	150	10	450	30	53.1	1350	2.47	3.68	196	60
HWH102	4"	102	4.8	122	150	10	450	30	60.2	1530	2.84	4.22	196	60

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	mm	bar	psi	bar	psi	m	ft
WDH-04	3/16"	4.8	12	10	150	30	450	120	400
WDH-06	1/4"	6.4	13	10	150	30	450	120	400
WDH-07	5/16"	7.9	15	10	150	30	450	100	330
WDH-09	3/8"	9.5	16	10	150	30	450	100	330
WDH-12	1/2"	12.7	20	10	150	30	450	100	330
WDH-15	5/8"	15.9	23.5	10	150	30	450	100	330
WDH-19	3/4"	19.1	27	10	150	30	450	100	330
WDH-25	1"	25.4	34	10	150	30	450	100	330
WDH-31	1 1/4"	31.8	42	10	150	30	450	60	200
WDH-38	1-1/2"	38.1	48	10	150	30	450	60	200
WDH-50	2"	50.8	62	10	150	30	450	60	200
WDH-63	2-1/2"	63.5	76	10	150	30	450	60	200
WDH-76	3"	76.2	89	10	150	30	450	60	200
WDH-88	3-1/2"	88.9	103	10	150	30	450	60	200
WDH-101	4"	101.6	116	10	150	30	450	60	200
WDH-127	5"	127	142	10	150	30	450	30	100
WDH-152	6"	152.4	167	10	150	30	450	30	100
WDH-203	8"	203.2	219	10	150	30	450	30	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	I.D.		O.D.	Work Pressure		Burst Pressure		Vacuum Pressure	Max. Length	
	inch	mm	mm	bar	psi	bar	psi	bar	m	ft
WSDH-12	1/2"	12.7	21	10	150	30	450	0.8	60	200
WSDH-15	5/8"	15.9	25	10	150	30	450	0.8	60	200
WSDH-19	3/4"	19.1	29	10	150	30	450	0.8	60	200
WSDH-22	7/8"	22.2	31	10	150	30	450	0.8	60	200
WSDH-25	1"	25.4	35	10	150	30	450	0.8	60	200
WSDH-31	1-1/4"	31.8	42	10	150	30	450	0.8	60	200
WSDH-38	1-1/2"	38.1	48	10	150	30	450	0.8	60	200
WSDH-50	2"	50.8	63	10	150	30	450	0.8	60	200
WSDH-63	2-1/2"	63.5	77	10	150	30	450	0.8	60	200
WSDH-76	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	30	200
WSDH-127	5"	127	145	10	150	30	450	0.8	30	100
WSDH-152	6"	152.4	170	10	150	30	450	0.8	30	100
WSDH-203	8"	203.2	224	10	150	30	450	0.8	30	100



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	I.D.		O.D.	Working Pressure		Burst Pressure		Length	Measurement	Weight
	inch	mm	mm	bar	psi	bar	psi	m	m ³ /roll	kg/m
RFS-05	3/16"	5	12	20	300	60	900	100	410x410x100	0.15
RFS-06	1/4"	6	13	20	300	60	900	100	440x440x110	0.17
RFS-08	5/16"	8	15	20	300	60	900	100	490x490x120	0.22
RFS-10	3/8"	10	17	20	300	60	900	100	500x500x125	0.25
RFS-13	1/2"	13	22	20	300	60	900	50	480x480x135	0.46
RFS-16	5/8"	16	25	20	300	60	900	50	480x480x150	0.52
RFS-19	3/4"	19	29	20	300	60	900	50	520x520x185	0.64
RFS-25	1"	25	36	20	300	60	900	50	590x590x210	0.85
RFS-32	1-1/4"	32	43	10	150	30	450	50	0.17	1.2
RFS-38	1-1/2"	38	50	10	150	30	450	50	0.19	1.39
RFS-51	2"	51	65	10	150	30	450	50	0.41	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	103	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
ROH152	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	103	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 (+248°F)

Item Code	ID		OD mm	Working Pressure		Burst Pressure		Max. Length	
	inch"	mm		bar	psi	bar	psi	m	ft
UCDH19	3/4"	19.1	31	10	150	40	600	60	200
UCDH25	1"	25.4	37	10	150	40	600	60	200
UCDH32	1-1/4"	31.8	44	10	150	40	600	60	200
UCDH38	1-1/2"	38.1	51	10	150	40	600	60	200
UCDH51	2"	50.8	67	10	150	40	600	60	200
UCDH64	2-1/2"	63.5	79	10	150	40	600	60	200
UCDH76	3"	76.2	92	10	150	40	600	60	200
UCDH89	3-1/2"	88.9	105	10	150	40	600	60	200
UCDH102	4"	101.6	118	10	150	40	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 (+248°F)

Item Code	ID		OD mm	Working Pressure		Burst Pressure		Max. Length	
	inch	mm		bar	psi	bar	psi	m	ft
UCSDH19	3/4"	19.1	31	10	150	40	600	60	200
UCSDH25	1"	25.4	37	10	150	40	600	60	200
UCSDH32	1-1/4"	31.8	44	10	150	40	600	60	200
UCSDH38	1-1/2"	38.1	51	10	150	40	600	60	200
UCSDH51	2"	50.8	67	10	150	40	600	60	200
UCSDH64	2-1/2"	63.5	79	10	150	40	600	60	200
UCSDH76	3"	76.2	92	10	150	40	600	60	200
UCSDH89	3-1/2"	88.9	105	10	150	40	600	60	200
UCSDH102	4"	101.6	118	10	150	40	600	60	200

Food Hose (Wrapped Surface)



Application: FDA approved food hose designed for the delivery of fatty foods such as milk, edible oil, daily 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
FDH19	3/4"	19.1	32	10	150	30	450	60	200
FDH25	1"	22.2	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, daily 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
FSDH19	3/4"	19.1	32	10	150	30	450	60	200
FSDH25	1"	22.2	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	3/16"	4.8	12	20	300	60	900	120	400
OH6	1/4"	6.4	13	20	300	60	900	120	400
OH8	5/16"	7.9	15	20	300	60	900	100	330
OH10	3/8"	9.5	17	20	300	60	900	100	330
OH13	1/2"	12.7	21	20	300	60	900	100	330
OH16	5/8"	15.9	26	20	300	60	900	100	330
OH19	3/4"	19.1	29	20	300	60	900	100	330
OH25	1"	25.4	36	20	300	60	900	100	330



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	3/16"	4.8+4.8	12+12	20	300	60	900	120	400
TWH6	1/4"	6.4+6.4	13+13	20	300	60	900	120	400
TWH8	5/16"	7.9+7.9	15+15	20	300	60	900	100	330
TWH10+8	3/8"+5/16"	9.5+7.9	17+15	20	300	60	900	100	330
TWH10	3/8"	9.5+9.5	17+17	20	300	60	900	100	330

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).

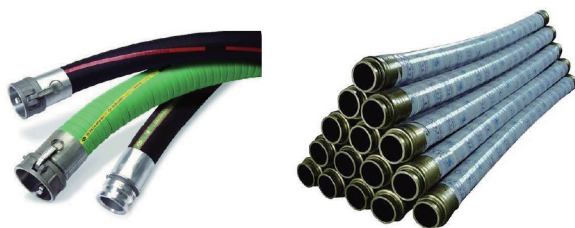
Abrasion loss value: Acc DIN 53516 $\leq 60\text{mm}^3$

Optional request: TS 5928 EN ISO3861/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		psi	bar	psi	bar	mm		
SH13	1/2"	12.7	25	147	12	522	36	65	414	40-61
SH13	1/2"	12.7	27	147	12	522	36	60	495	40-61
SH16	5/8"	16	28	147	12	522	36	85	476	40-61
SH16	5/8"	16	30	147	12	522	36	80	578	40-61
SH19	3/4"	19	30	147	12	522	36	100	486	40-61
SH19	3/4"	19	31	147	12	522	36	95	530	40-61
SH19	3/4"	19	33	147	12	522	36	90	653	40-61
SH25	1"	25.4	39	147	12	522	36	125	813	40-61
SH32	1-1/4"	32	42	147	12	522	36	160	1160	40-61
SH38	1-1/2"	38	54	147	12	522	36	200	1337	40-61
SH38	1-1/2"	38	56	147	12	522	36	190	1531	40-61
SH45	1-3/4"	44.5	60	147	12	522	36	280	1468	40-61
SH45	1-3/4"	44.5	63	147	12	522	36	270	1820	40-61
SH51	2"	50.8	69	147	12	522	36	325	2030	40-61
SH51	2"	50.8	73	147	12	522	36	315	2484	40-61
SH64	2-1/2"	63.5	82	147	12	522	36	400	2626	40-61
SH76	3"	76.2	94	147	12	522	36	450	3090	40-61
SH102	4"	101.6	122	147	12	522	36	600	4220	40-61

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		bar	psi	inch	mm	m	ft
CPH25	1"	25	45	55	800	8	200	60	200
CPH32	1-1/4"	32	51	55	800	10	254	60	200
CPH38	1-1/2"	38	57.5	55	800	15	380	60	200
CPH51	2"	51	74	55	800	16.1	410	60	200
CPH64	2-1/2"	64	87	55	800	20	500	60	200
CPH76	3"	76	100	40	600	24	610	60	200
CPH102	4"	102	132	40	600	32.3	820	60	200
CPH127	5"	127	157	40	600	50	1270	60	200
CPH152	6"	152	186	40	600	59.8	1520	60	200
CPH203	8"	203	243	40	600	80	2030	30	100



SAE 100 R1/EN853 1SN



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,mine/ 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)

Item 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	2785	19.2	11165	77
R1-08	5/16	7.9	0.58	14.7	2535	17.5	10150	70
R1-10	3/8	9.5	0.67	17.1	2275	15.7	9135	63
R1-13	1/2	12.7	0.8	20.3	2030	14	8120	56
R1-16	5/8	15.9	0.92	23.4	1525	10.5	1740	42
R1-19	3/4	19.1	1.08	27.4	1260	8.7	5075	35
R1-25	1"	25.4	1.4	35.5	1015	7	4060	28
R1-32	1 1/4	31.8	1.69	43	625	4.3	2540	17.5
R1-38	1 1/2	38.1	1.95	49.5	510	3.5	2030	14
R1-51	2	50.8	2.48	63	375	2.6	1525	10.5
Item Code	Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure	
	Inch	mm	Inch	mm	psi	MPa	psi	MPa
1SN-06	1/4	6.4	0.52	13.1	3275	22.6	13100	90.3
1SN-08	5/16	7.9	0.58	14.7	3125	21.5	12500	86.2
1SN-10	3/8	9.5	0.67	17.1	2600	17.9	10400	71.7
1SN-13	1/2	12.7	0.8	20.3	2325	16	9300	64.1
1SN-16	5/8	15.9	0.92	23.4	1900	13.1	7600	52.4
1SN-19	3/4	19.1	1.08	27.4	1525	10.5	6100	42.1
1SN-25	1"	25.4	1.4	35.5	1275	8.8	5100	35.2
1SN-32	1 1/4	31.8	1.69	43	925	6.4	3700	25.5
1SN-38	1 1/2	38.1	1.95	49.5	725	5	2900	20
1SN-51	2	50.8	2.48	63	600	4	2700	18.6
1SN-38	2 1/2	63.8	3.03	77	360	2.5	1600	11
1SN-51	3	76	3.46	88	290	2	1160	8



SAE 100 R2/EN853 2SN



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)

Item 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	20300	140
R2-08	5/16	7.9	0.64	16.3	4310	29.7	17255	119
R2-10	3/8	9.5	0.74	18.7	4060	28	16240	112
R2-13	1/2	12.7	0.86	21.8	3550	24.5	14210	98
R2-16	5/8	15.9	0.98	24.9	2785	19.2	11165	77
R2-19	3/4	19.1	1.14	29	2275	15.7	9135	63
R2-25	1	25.4	1.48	37.6	2030	14	8120	56
R2-32	1 1/4	31.8	1.87	47.5	1640	11.3	6600	45.5
R2-38	1 1/2	38.1	2.11	53.5	1265	8.7	6310	43.5
R2-51	2	50.8	2.62	66.5	1130	7.8	4570	31.5
Item Code	Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure	
	Inch	mm	Inch	mm	psi	MPa	psi	MPa
2SN-06	1/4	6.4	0.58	14.7	5800	40	23200	160
2SN-08	5/16	7.9	0.64	16.3	5075	35	20300	140
2SN-10	3/8	9.5	0.74	18.7	4800	33.1	19200	132.4
2SN-13	1/2	12.7	0.86	21.8	4000	27.6	16000	110.3
2SN-16	5/8	15.9	0.98	24.9	3625	25	14500	100
2SN-19	3/4	19.1	1.14	29	3120	21.5	12480	86.1
2SN-25	1	25.4	1.48	37.6	2400	16.5	9600	66.2
2SN-32	1 1/4	31.8	1.87	47.5	1810	12.5	7240	49.9
2SN-38	1 1/2	38.1	2.11	53.5	1300	9	5200	35.9
2SN-51	2	50.8	2.62	66.5	1175	8.1	4700	32.4
2SN-38	2 1/2	63.8	3.07	78	720	5	2880	19.9
2SN-51	3	76	3.56	90.5	580	4	2320	16



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	min	max	Mpa	psi	MPa	psi
R3-05	5	3/16	11.9	13.5	10.5	1522.5	42	6090
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	23	24.6	7	1015	28	4060
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	36.9	39.3	3.9	565.5	15.7	2276.5
R3-32	31.5	1 1/4	42.9	46	2.6	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	min	max	MPa	psi	MPa	psi
R6-05	5	3/16	10.3	11.9	3.5	507.5	14	2030
R6-06	6.3	1/4	11.9	13.5	2.8	406	11.2	1625
R6-08	8	5/16	13.5	15.1	2.8	406	11.2	1625
R6-10	10	3/8	15.1	16.7	2.8	406	11.2	1625
R6-13	12.5	1/2	19	20.6	2.8	406	11.2	1625
R6-16	16	5/8	22.2	23.8	2.4	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	
	mm	inch	min	max	MPa	psi	MPa	psi
R9-10	10	3/8	20.6	22.2	31.5	4565	126	18270
R9-13	12.5	1/2	23.8	25.4	28	4060	112	16240
R9-19	19	3/4	30.6	32.2	21	3045	84	12180
R9-25	25	1	38.5	40.9	21	3045	84	12180
R9-32	31.5	1 1/4	49.2	52.4	17.5	2537.5	70	10150
R9-38	38	1 1/2	55.6	58.7	14	2030	56	8120
R9-51	51	2	69.9	73	14	2030	56	8120

SAE 100 R10

Item Code	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure	
	mm	inch	min	max	MPa	psi	MPa	psi
R10-06	6.3	1/4	19.8	21.4	61	8845	245	35525
R10-10	10	3/8	23	24.6	52.5	7612.5	210	30450
R10-13	12.5	1/2	27	28.6	43.5	6307.5	175	25375
R13-19	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 1/4	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 ID		Hose O.D.		Working Pressure		Min. Burst Pressure	
	inch	mm	inch	mm	psi	MPa	psi	MPa
R12-10	3/8	9.5	0.8	20.3	4000	28	16000	112
R12-13	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	1.85	47	3000	21	12000	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-resident synthetic rubber(Nitrile).

Reinforcement

Four(six 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	51.2	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	59.6	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-resident 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	6650	45.9	26600	183.4
4SP-13	1/2	12.7	0.96	24.4	6150	42.4	24600	169.6
4SP-16	5/8	15.9	1.09	27.7	5800	40	23200	160
4SP-19	3/4	19	1.24	31.5	5500	37.9	23925	165
4SP-25	1	25.4	1.54	39.1	4650	32.1	20300	140
4SP-32	1 1/4	31.8	1.96	49.8	3050	21	18120	124.9
4SP-38	1 1/2	38.1	2.25	57.2	2685	18.5	10730	74
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	26100	180
4SH-25	1/1	25.4	1.48	37.6	5600	38.6	26100	180
4SH-32	1 1/4	31.8	1.78	45.2	5050	34.8	20300	140
4SH-38	1 1/2	38.1	2.11	53.5	4200	29	16820	116
4SH-51	2	50.8	2.68	68.1	3625	25	14500	100



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	Hose ID		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	inch	mm	inch	mm	MPa	psi	MPa	psi	mm	inch	Kg/m	lb/ft
DN6.4-1B	1/4"	6.4	0.47	12	21	3000	84	12000	102	4	0.15	0.1
DN6.4-2B	1/4"	6.4	0.59	15	40	5800	160	23200	102	4	0.24	0.16
DN7.9-1B	5/16"	7.9	0.59	15.1	21.5	3120	86	12480	114	4.5	0.17	0.11
DN7.9-2B	5/16"	7.9	0.65	16.5	35	5075	140	20300	114	4.5	0.29	0.19
DN9.5-1B	3/8"	9.5	0.69	17.5	18	2615	72.1	10460	127	5	0.22	0.15
DN9.5-2B	3/8"	9.5	0.75	19.1	33	4800	132	19200	127	5	0.34	0.23



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 aramid 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	Inter Diameter		Outer Diameter		Working pressure		Min Burst Pressure		Min Bend Radius	Weight
	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	Kg/m
SPSH6.4-1	6.3	1/4	12.5	0.49	22.7	3292	68.1	9874.5	30	0.13
SPSH6.4-2	6.3	1/4	14.0	0.55	40	5800	120	17400	55	0.21
SPSH6.4-2	6.3	1/4	15.5	0.61	50	7250	150	21750	70	0.25
SPFH8-1	8.0	5/16	13.5	0.53	22.7	3292	68.1	9874.5	75	0.21
SPSH8-2	8.0	5/16	15.0	0.59	40	5800	120	17400	90	0.35
SPSH8-3	8.0	5/16	16.5	0.65	50	7250	150	21750	105	0.39
SPSH10.0-1	10.0	3/8	16.0	0.62	22.7	3292	68.1	9874.5	80	0.31
SPSH10.0-2	10.0	3/8	19.1	0.75	40	5800	120	17400	127	0.34
SPSH10.0-3	10.0	3/8	21.5	0.85	50	7250	150	21750	135	0.4



Automotive Silicone Hose



- **Straight 1 Meter Long Silicone Hose**



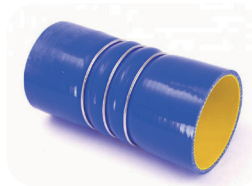
- **Elbow 45/90/135 Degree Silicone Hose**



- **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 -62 ° 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.

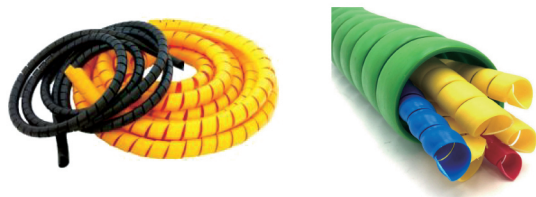
High temperature resistance, aging, operative

Temperature: -40°C ~ 220°C

For industrial use car 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	2/5	3
SVH-6	5	9	1/5	3/8	2
SVH-7	5	10	1/5	2/5	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			
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	16	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			
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	24	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	60-74
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	100-130
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



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	26mm	113-121
	32-35		122-130
	36-39		131-139
	40-43		140-148
22mm	44-47		149-161
	48-51		162-74
	52-55		175-187
	56-59		188-200
	60-63		201-213
	64-67		214-226
24mm	68-73		227-239
	74-79		240-252
	80-85		

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.



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)					
10	13	16	19	23	26
29	32	38	42	45	51
57	64	70	76	83	



Material

W1:All parts are carbon steel with zinc plated.

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



Camlock Quick Coupling

Material : Alumimium, Stainless steel, Brass,PP		Material : Alumimium, 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 : Alumimium, Stainless steel, Brass,PP		Material : Alumimium, 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 : Alumimium, Stainless steel, Brass,PP		Material : Alumimium, 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 : Alumimium, Stainless steel, Brass,PP		Material : Alumimium, Stainless steel, Brass,PP	
TYPE DC	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



20591

British hose fittings



BSP



22211



22611



22691



22141



22241

American hose fittings



American



14211



15611



21611



24291



26711



26791



27841



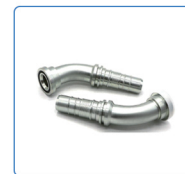
87311



87391

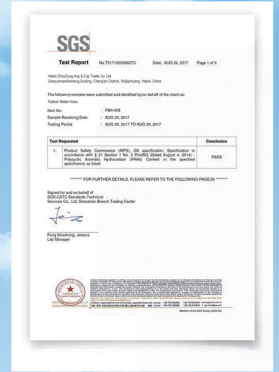
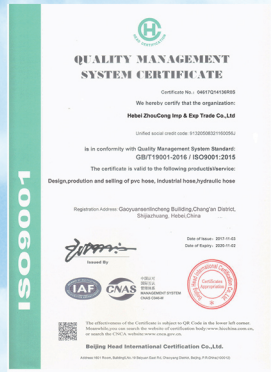


16712



87643

 Fiscal Year 2018 CERTIFICATION OF REGISTRATION	
We certify that Metstar Design Group, Inc. & Tech Co.,LLC Guyanesecherry Building,Cheng an District, Shijiazhuang, Hebei China	
has complied with FEMA's building regulations for construction and design required and related to living with the US F&D & Drug Administration, through	
Registration Number: M0180101 Order Number: M0180101	
Revised Listing: Code: 1000 13. Food grade hose, pure food grade steel wire hose	
Additional Remarks: I/We certify that the information provided on this form is true and correct to the best of our knowledge and belief, and that we have provided all the information required by the FEMA. I/We certify that the information provided on this form is true and correct to the best of our knowledge and belief, and that we have provided all the information required by the FEMA. I/We certify that the information provided on this form is true and correct to the best of our knowledge and belief, and that we have provided all the information required by the FEMA.	
Signature of Authorized Representative: Title: President Date: 04/04/2018 Printed Name: Metstar Design Group, Inc. & Tech Co.,LLC Address: 1000 Guyanesecherry Building,Cheng an District, Shijiazhuang, Hebei China Phone: 86-311-86666666 Email: metstar@metstar.com	





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