



Built to Last

Industrial Rubber Hoses from the Land of Natural Rubber



Quality Standards



Member of





INTRODUCTION

Our ultimate mission is for Jollyflex to be synonymous with all flexible hoses.

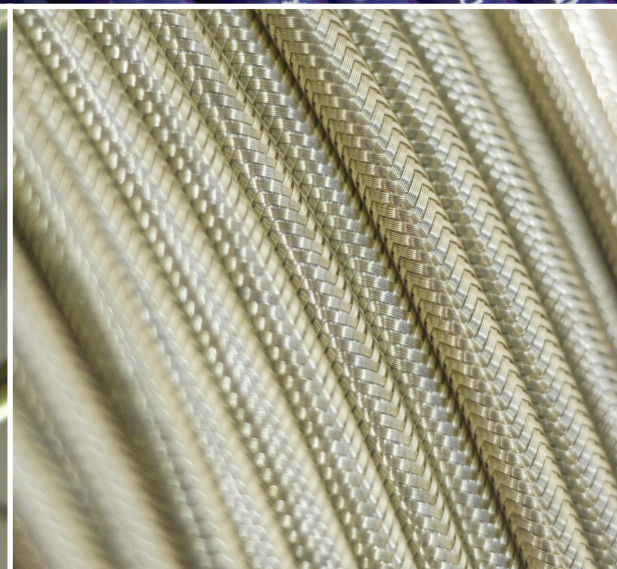
Jollyflex specializes in the production of heavy duty industrial rubber hoses, customized hoses and related accessories such as washers, gaskets and other rubber moulded items.

We own state - of - the - art production facilities and strive to meet the highest international standards and specifications and achievable in the industry. Our production plant is one-of-a-kind in India for its use of rigid mandrel methodology to manufacture long-length rubber hoses.

We pride ourselves on using raw materials of the highest quality. The virgin rubber we acquire belong to the finest class of natural rubber that can be found in India, sourced from some of the best rubber plantations in Kerala.

Jollyflex is not only equipped with modern production infrastructure but also a high-tech laboratory solely used for R&D, testing and innovating, which gives us a distinct edge in terms of quality control and new product development. Our testing laboratory is equipped with numerous instruments such as rheometers, pressure testing benches, ageing hot air ovens, shore hardness testers, DIN abrasion testers etc.

Our ultimate mission is for Jollyflex to be synonymous with all flexible hoses.



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*Customized diameters, working pressures and lengths are also available upon request

PRODUCTS

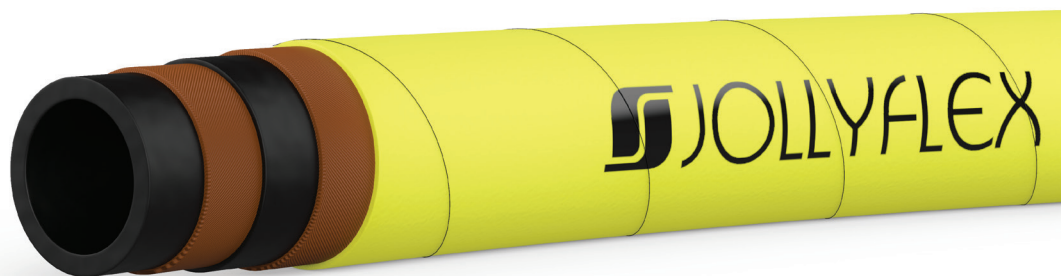
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*Customized diameters, working pressures and lengths are also available upon request

JOLLYFLEX

MEDIUM DUTY AIR HOSE

10 BAR



TECHNICAL SPECIFICATIONS

APPLICATION

Suitable for conveying compressed air and water in construction, mining and industrial applications.

FEATURES

A general purpose hose which is engineered for long-lasting service and rough working conditions, where maximum safety is required.

Medium Duty Air Hose is a mandrel built hose with high margin of safety, designed to handle the most severe working environments.

TUBE

Antistatic nitrile rubber, smooth, black, oil mist resistant

REINFORCEMENT

High strength synthetic cord

COVER

Antistatic NR/SBR rubber, high visibility, bright yellow color, wrapped finish, abrasion and weather resistant

WORKING TEMPERATURE

-35°C to +70°C

-31°F to +158°F

FACTOR OF SAFETY 3:1

BRANDING Medium Duty Air Hose W.P. 10 Bar / 145 Psi

STANDARD LENGTH Rolls of 20, 40m / 50, 75, 100ft

EXCEEDS ISO 1307:2006

AIR

MATERIAL HANDLING

THERMOPLASTIC

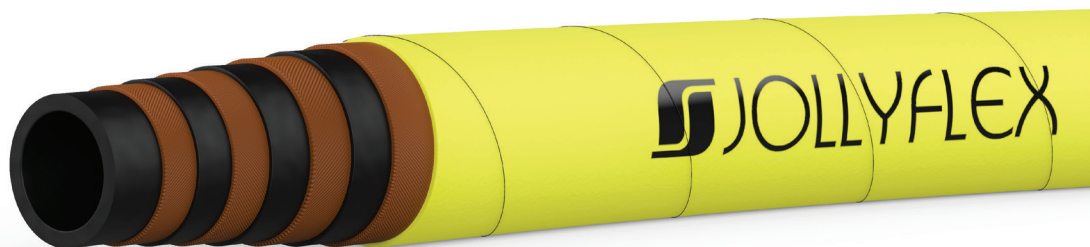
SPECIAL APPLICATION

Code	Internal Diameter		External Diameter		Working Pressure		Weight	
	inch	mm	inch	mm	psi	bar	lbs/ft	kg/m
AR 1320	1/2"	13	0.81	20	145	10	0.15	0.23
AR 1624	5/8"	16	0.96	24	145	10	0.22	0.34
AR 1927	3/4"	19	1.09	28	145	10	0.26	0.39
AR 2534	1"	25	1.34	34	145	10	0.37	0.56
AR 3243	1 1/4"	32	1.68	43	145	10	0.59	0.88
AR 3852	1 1/2"	38	2.04	52	145	10	0.94	1.4
AR 5164	2"	51	2.53	64	145	10	1.07	1.6
AR 6377	2 1/2"	63.5	3.03	77	145	10	1.37	2.05
AR 7690	3"	76	3.54	90	145	10	1.61	2.4
AR 1012	4"	102	4.73	120	145	10	2.82	4.2

 JOLLYFLEX

HEAVY DUTY AIR/WATER HOSE

20 BAR



APPLICATION

Suitable for delivering water and compressed air with light traces of lubrication oil or oil mist in construction sites, blasting sites, quarries and mines.

FEATURES

Heavy Duty Air Hose is designed for the most severe working environments. This mandrel built hose has a high margin of safety and is easily noticeable, durable, long-lasting and weather resistant, even under extreme working conditions.

TECHNICAL SPECIFICATIONS

TUBE

Antistatic NR/SBR rubber, smooth, black, oil mist resistant

REINFORCEMENT

High strength polyester/rayon cord

COVER

Antistatic NR/SBR rubber, yellow wrapped finish, abrasion and weather resistant

WORKING TEMPERATURE

-35°C to +70°C

-31°F to +158°F

FACTOR OF SAFETY 3:1

BRANDING Heavy Duty Air Hose W.P. 20 Bar / 290 Psi

STANDARD LENGTH Rolls of 20, 40m / 50, 75, 100ft

EXCEEDS ISO 1307:2006

Code	Internal Diameter		External Diameter		Working Pressure		Weight	
	inch	mm	inch	mm	psi	bar	lbs/ft	kg/m
AM 1323	1/2"	13	0.90	23	290	20	0.25	0.38
AM 1928	3/4"	19	1.25	28	290	20	0.43	0.65
AM 2537	1"	25	1.56	37	290	20	0.62	0.93
AM 2541	1"	25	1.62	41	290	20	0.76	1.14
AM 3245	1 1/4"	32	1.84	45	290	20	0.87	1.3
AM 3850	1 1/2"	38	2.12	50	290	20	1.07	1.6
AM 5167	2"	51	2.71	67	290	20	1.57	2.35
AM 6387	2 1/2"	63.5	3.42	87	290	20	2.41	3.6
AM 7695	3"	76	3.73	95	290	20	2.48	3.7
AM 1012	4"	102	4.87	124	290	20	3.42	5.1

JOLLYFLEX

HIGH PRESSURE AIR HOSE

70 BAR



APPLICATION

Suitable for conveying compressed air at high pressure with heavy traces of lubrication oil in construction sites, blasting sites, quarries and mines.

FEATURES

High margin of safety- suitable for rough service applications where a robust hose is required.

This heavy duty air hose, reinforced with steel wire, is engineered to handle high pressure and high volume air requirements. Well designed to be easily noticeable, durable, long-lasting and weather resistant.

TECHNICAL SPECIFICATIONS

TUBE

Antistatic nitrile rubber, smooth, black, oil mist resistant

REINFORCEMENT

Multi-strand steel wire reinforcement

COVER

Antistatic NR/SBR rubber, high visibility, bright yellow color, wrapped finish, abrasion and weather resistant

WORKING TEMPERATURE

-35°C to +70°C

-31°F to +158°F

FACTOR OF SAFETY 3:1

BRANDING High Pressure Air Hose W.P. 70 Bar / 1015 Psi

STANDARD LENGTH Rolls of 20, 40m / 50, 75, 100ft

EXCEEDS ISO 1307: 2006

AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

Code	Internal Diameter		External Diameter		Working Pressure		Weight	
	inch	mm	inch	mm	psi	bar	lbs/ft	kg/m
AS 1324	1/2"	13	0.96	24	1015	70	0.35	0.53
AS 1930	3/4"	19	1.18	30	1015	70	0.49	0.74
AS 2538	1"	25	1.50	38	1015	70	0.7	1.05
AS 3245	1 1/4"	32	1.78	45	650	45	0.87	1.3
AS 3853	1 1/2"	38	2.09	53	650	45	1.2	1.8
AS 5166	2 "	51	2.59	66	650	45	1.61	2.4
AS 6380	2 1/2"	63.5	3.15	80	500	35	2.41	3.6
AS 7696	3"	76	3.78	96	500	35	3.15	4.7
AS 1012	4"	102	4.81	122	435	30	3.89	5.8

JOLLYFLEX

TWIN LINE AIR HOSE

20 BAR



APPLICATION

Used to pneumatically activate the remote control unit on blast machines. Also suitable for general welding services, gas cutting application etc.

FEATURES

These hoses meet all safety requirements and standards. Available in sizes from 3/16" to 3/8"

TECHNICAL SPECIFICATIONS

TUBE

Antistatic and flame resistant Nitrile Butadiene Rubber (NBR) and Poly Vinyl Chloride (PVC) blend

REINFORCEMENT

High strength polyester cord spiral

COVER

Antistatic NBR/PVC blend, flame resistant, smooth finish, red and blue color, weather resistant

WORKING TEMPERATURE

-32°C to +82°C

-25°F to +180°F

BRANDING Twin line Air Hose W.P. 20 Bar / 300 Psi

STANDARD LENGTH Rolls of 30, 100m / 100, 300ft

Code	Internal Diameter		External Diameter		Working Pressure		Weight	
	inch	mm	inch	mm	bar	psi	lbs/ft	kg/m
TW 411	3/16"	4.8	0.44	11.1	20	300	0.16	0.23
TW 613	1/4"	6.5	0.53	13.5	20	300	0.21	0.31
TW 715	5/16"	7.9	0.59	15.1	20	300	0.28	0.41
TW 916	3/8"	9.5	0.66	16.7	20	300	0.32	0.47

JOLLYFLEX

AGRICULTURAL WATER HOSE

20 BAR



APPLICATION

Suitable for conveying water in agricultural applications.

TECHNICAL SPECIFICATIONS

TUBE

Nitrile butadiene rubber (NBR) poly vinyl chloride (PVC) blend

REINFORCEMENT

High strength polyester cord spiral

COVER

Antistatic NBR/PVC blend, flame resistant, smooth finish, red and blue, yellow color, weather resistant

WORKING TEMPERATURE

-32°C to +82°C
-25°F to +180°F

BRANDING Medium Duty Air Hose W.P. 20 Bar/300 Psi

STANDARD LENGTH Rolls of 30, 100m / 100, 300ft

EXCEEDS ISO1307:2006

AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

Code	Internal Diameter		External Diameter		Working Pressure		Weight	
	inch	mm	inch	mm	bar	psi	lbs/ft	kg/m
AW 411	3/16"	4.8	0.44	11.1	20	300	0.16	0.23
AW 613	1/4"	6.5	0.53	13.5	20	300	0.21	0.31
AW 916	3/8"	9.5	0.66	16.7	20	300	0.32	0.47
AW 721	1/2"	12.7	0.84	21.3	20	300	0.36	0.53
AW 1928	3/4"	19	1.10	28	20	300	0.43	0.65
AW 2534	1"	25	1.33	34	20	300	0.76	1.14

JOLLYFLEX

TWIN LINE WELDING HOSE

15 BAR



APPLICATION

This hoses can be used for welding, cutting, shielding and allied processes & can convey LPG, natural gas, oxygen, acetylene and methane for these applications.

FEATURES

Each hose is marked in length with: ISO 12170 standard, working pressure, inner diameter and year of production in last two digits.

TECHNICAL SPECIFICATIONS

TUBE

Plasticized PVC Black.

REINFORCEMENT

High Strength Synthetic Fiber .

COVER

High Flame Retardant Thermo - compound, Red/ Blue Color

WORKING TEMPERATURE

-10°C to +60°C

-14 °F to 140 °F

BRANDING

Twin Line Welding Hose W.P 15 Bar/
220 Psi S.F. 3:1

STANDARD LENGTH Rolls of 10m, 20m & 40 m.

Standards/Approval Exceeds ISO 12170

ALSO AVAILABLE UPON REQUEST 1. Different
Diameters. 2. Different working pressures.

Code	Internal Diameter		External Diameter		Working Pressure		Weight	
	inch	mm	inch	mm	psi	bar	lbs/ft	kg/m
TLW 410	3/16	4.8	0.413	10.5	220	15	0.07	0.105
TLW 612	1/4	6.5	0.492	12.5	220	15	0.083	0.125
TLW 814	5/16	8	0.571	14.5	220	15	0.104	0.155
TLW 916	3/8	9.5	0.63	16	220	15	0.12	0.18
TLW 122	1/2	12.7	0.827	21	220	15	0.16	0.25

JOLLYFLEX

BREATHING AIR HOSE

20 BAR



AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

TECHNICAL SPECIFICATIONS

TUBE

Thermoplastic Rubber (TPR), smooth, food grade material

REINFORCEMENT

High strength polyester cord spiral

COVER

Antistatic NBR/PVC blend, smooth finish, yellow/green/red color, weather resistant

WORKING TEMPERATURE

-32°C to +82°C

-25°F to +180°F

BRANDING Breathing Air Supply Hose W.P.
20 Bar / 300 Psi

STANDARD LENGTH Rolls of 20, 40, 100m / 50, 100, 350 ft

EXCEEDS EN 271

APPLICATION

Breathing apparatus for the blasting industry that is used to deliver breathing air in paint spray booths and self-contained rescue air tanks.

FEATURES

These hoses are designed for delivering breathing air and compressed air. The inner tube has a mild, pleasant odor for added comfort for the user.

Code	Internal Diameter		External Diameter		Working Pressure		Weight	
	inch	mm	inch	mm	bar	psi	lbs/ft	kg/m
BR 0612	1/4"	6.5	0.54	13.7	20	300	0.08	0.12
BR 0917	3/8"	9.5	0.697	17.7	20	300	0.09	0.14
BR 1221	1/2"	12.7	0.84	21.3	20	300	0.13	0.2



BULK TRANSFER / GRIT RECOVERY HOSE

15 BAR



APPLICATION

Ideal for recovery operations of sandblasting abrasives. Used for transferring materials via suction or gravity systems i.e. tank trucks and silos. Suitable for vacuum or ducting services.

FEATURES

Bulk Transfer Hose is reinforced with spirally plied synthetic fabric with spring steel wire helix, for the strength needed to handle the pressure or the suction service in the transfer of bulk materials. The steel wire helix provides full suction capability, kink resistance and a path to conduct static current.

The Natural Rubber (NR)/ Poly Butadiene Rubber (PBR) blend tube provides excellent abrasion resistance, rebound and durability.

TECHNICAL SPECIFICATIONS

TUBE

Antistatic NR/PBR rubber, smooth, black, abrasion resistant

REINFORCEMENT

High strength polyester/nylon cord embedded with spring steel wire helix

COVER

Antistatic NR/SBR rubber, black, corrugated for flexible handling, wrapped finish, abrasion and weather resistant

WORKING TEMPERATURE

-35°C to +70°C

-31°F to +158°F

FACTOR OF SAFETY 3:1

BRANDING Bulk Transfer Hose W.P. 15 Bar / 220 Psi

STANDARD LENGTH Rolls of 10, 20, 40m / 50, 75, 100ft

SPECIAL PROPERTIES

Abrasion resistance of tube $70 \pm 5\text{mm}^3$ according to DIN ISO 4649:2006

EXCEEDS DIN ISO 4649:2006

Code	Internal Diameter		External Diameter		Working Pressure		Weight	
	inch	mm	inch	mm	psi	bar	lbs/ft	kg/m
BM 2546	1"	25.4	1.84	46.8	217	15	1.27	1.89
BM 3153	1 1/4"	31.8	2.09	53.2	217	15	1.46	2.18
BM 3859	1 1/2"	38.1	2.34	59.5	217	15	1.65	2.46
BM 5073	2"	50.8	2.88	73.2	150	10	2.23	3.33
BM 6385	2 1/2"	63.5	3.38	85.9	150	10	2.65	3.95
BM 7699	3"	76.2	3.92	99.6	150	10	3.35	5
BM 1012	4"	101.6	4.95	125.8	100	7	4.4	6.55

JOLLYFLEX

2 PLY BLAST HOSE

12 BAR



AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

TECHNICAL SPECIFICATIONS

APPLICATION

Suitable for conveying all commonly used abrasive material for blasting such as Steel Shot, Steel Grit, Garnet, Copper Slag, Coal Slag, Aluminum Oxide, Glass Beads etc.

FEATURES

2 Ply Blast Hose is reinforced with strong synthetic for maximum protection against abrasion with a thick tube for excellent resistance to wear in conditions that exist in abrasive blasting environments. Designed to be durable and long-lasting.

STATIC CONDUCTIVITY FOR SAFETY

Super Blast Hose is built with a static conductive tube compound that dissipates static electricity.

TUBE

Antistatic NR/PBR rubber, smooth, black, abrasion resistant

REINFORCEMENT

High strength polyester/rayon cord

COVER

Antistatic NR/SBR rubber, black, wrapped finish, abrasion and weather resistant

WORKING TEMPERATURE

-35°C to +70°C

-31°F to +158°F

FACTOR OF SAFETY 3:1

BRANDING Super Blast Hose W.P. 12 Bar / 175 Psi

STANDARD LENGTH Rolls of 10, 20, 40m / 50, 75, 100ft

SPECIAL PROPERTIES

Abrasion resistance of tube $50 \pm 5\text{mm}^3$ according to DIN ISO 4649:2006

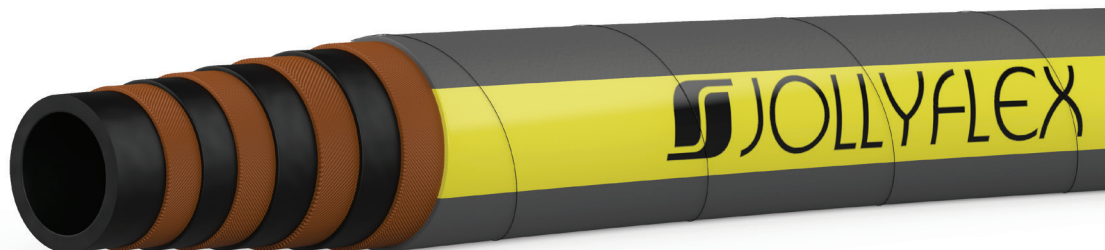
EXCEEDS DIN EN ISO 3861:2010-04

Code	Internal Diameter		External Diameter		Working Pressure		Weight	
	inch	mm	inch	mm	psi	bar	lbs/ft	kg/m
BL 2P 1327	1/2"	13	1.08	27	175	12	0.36	0.55
BL 2P 1933	3/4"	19	1.30	33	175	12	0.48	0.72
BL 2P 2539	1"	25	1.57	39	175	12	0.6	0.9
BL 2P 3248	1 1/4"	32	1.89	48	175	12	0.77	1.16
BL 2P 3854	1 1/2"	38	2.13	54	175	12	0.98	1.46
BL 2P 5175	2"	51	2.68	75	175	12	1.43	2.13
BL 2P 6381	2 1/2"	63.5	3.19	81	175	12	1.81	2.7

JOLLYFLEX

4 PLY BLAST HOSE

15 BAR



APPLICATION

Suitable for conveying all commonly used abrasive material for blasting, such as Steel Shot, Steel Grit, Garnet, Copper Slag, Coal Slag, Aluminum Oxide, Glass Beads etc.

FEATURES

4 Ply Blast Hose is reinforced with 4 layers of spirally plied synthetic fabric for the strength needed to handle high pressure. Specifically designed with a thick wall to provide kink resistance.

The thick, static dissipating Natural Rubber (NR)/ Poly Butadiene Rubber (PBR) blend tube provides excellent abrasion resistance, rebound and durability.

NR/Styrene Butadiene Rubber (SBR) rubber blend cover is resistant to abrasion, weathering, cuts, scuffs etc.

TECHNICAL SPECIFICATIONS

TUBE

Antistatic NR/PBR rubber, smooth, black, abrasion resistant

REINFORCEMENT

High strength polyester/rayon cord

COVER

Antistatic NR/SBR rubber, black, wrapped finish, abrasion and weather resistant

WORKING TEMPERATURE

-35°C to +70°C

-31°F to +158°F

FACTOR OF SAFETY 3:1

BRANDING Super Blast Hose W.P. 15 Bar / 220 Psi

STANDARD LENGTH Rolls of 10, 20, 40m / 50, 75, 100ft

SPECIAL PROPERTIES

Abrasion resistance of tube $70 \pm 5\text{mm}^3$ according to DIN ISO 4649:2006

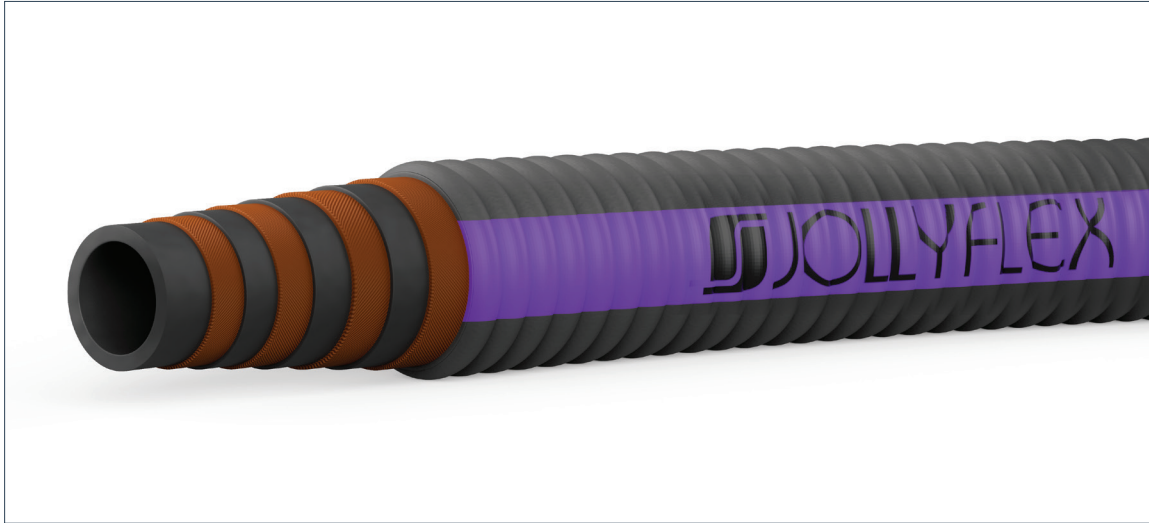
EXCEEDS DIN EN ISO 3861:2010-04

Code	Internal Diameter		External Diameter		Working Pressure		Weight	
	inch	mm	inch	mm	psi	bar	lbs/ft	kg/m
BL 4P 1333	1/2"	13	1.32	33	225	15	0.55	0.83
BL 4P 1939	3/4"	19	1.54	39	225	15	0.69	1.04
BL 4P 2548	1"	25	1.89	48	225	15	0.96	1.44
BL 4P 3254	1 1/4"	32	2.13	54	225	15	1.26	1.88
BL 4P 3859	1 1/2"	38	2.36	59	225	15	1.35	2.01
BL 4P 5074	2"	50	2.91	74	225	15	1.81	2.7
BL 4P 6386	2 1/2"	63.5	3.39	86	225	15	2.19	3.26

JOLLYFLEX

CEMENT HOSE

6 BAR



TECHNICAL SPECIFICATIONS

APPLICATION

Suitable for the discharge of abrasive materials like silica, limestone, gravel, dry cement and other dry bulk materials.

FEATURES

Light weight construction provides excellent flexibility for easy handling. It is specially designed to handle dry abrasive materials. Built with premium grade rubber tube for excellent abrasion and tear resistance and extended wear life. Reinforced with multiple plies of synthetic fabric to assure maximum tensile strength and to absorb vibration and shock. Built with premium grade rubber tube for excellent abrasion/ tear resistance and extended wear life.

TUBE

Antistatic NR/PBR rubber, smooth, black, abrasion resistant

REINFORCEMENT

High strength polyester/rayon cord

COVER

Antistatic NR/SBR rubber, black, wrapped finish, abrasion and ozone resistant

WORKING TEMPERATURE

-35°C to +70°C

-31°F to +158°F

FACTOR OF SAFETY 3:1

BRANDING Cement Hose W.P. 6 Bar / 90 Psi

SPECIAL PROPERTIES

Abrasion resistance of tube $70 \pm 5\text{mm}^3$ according to DIN ISO 4649:2006

AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

Code	Internal Diameter		External Diameter		Working Pressure		Weight	
	inch	mm	inch	mm	psi	bar	lbs/ft	kg/m
CD 5164	2"	51	2.53	64	90	6	1	1.5
CD 6378	2 1/2"	63.5	3.07	78	90	6	1.47	2.2
CD 7691	3"	76	3.57	91	90	6	1.67	2.5
CD 7694	3"	76	3.70	94	90	6	2.08	3.1
CD 1011	4"	102	4.64	118	90	6	2.41	3.6
CD 1012	4"	102	4.75	120	90	6	2.72	4.05
CD 1214	5"	127	5.81	147	90	6	3.76	5.6
CD 1517	6"	152	6.81	172	90	6	4.43	6.6



CONCRETE SUCTION & DELIVERY HOSE

5 BAR



APPLICATION

Suitable for heavy duty suction and delivery application for wet and dry abrasive products.

FEATURES

This hose is specially designed to handle highly abrasive material and its light weight construction provides excellent flexibility for easy handling.

Rubber encapsulated high tensile carbon steel wire helix provides full suction capability. Reinforced with multiple plies of synthetic fabric to assure maximum tensile strength and to absorb vibration and shock.

The high quality inner tube compound ensures superior wear resistance and extended wear life. Finest grade rubber cover assures high tear and abrasion resistance.

TECHNICAL SPECIFICATIONS

TUBE

Antistatic NR/PBR rubber, smooth, black, abrasion resistant

REINFORCEMENT

High strength polyester/nylon cord embedded with spring steel wire helix

COVER

Antistatic NR/SBR rubber, black, wrapped finish, abrasion and ozone resistance

WORKING TEMPERATURE

-35°C to +70°C

-31°F to +158°F

FACTOR OF SAFETY 3:1

BRANDING Concrete Suction and Delivery Hose
W.P. 5 Bar / 75 Psi

STANDARD LENGTH Rolls of 10, 20, 40m / 50, 75, 100ft

SPECIAL PROPERTIES

Abrasion resistance of tube $70 \pm 5\text{mm}^3$ according to DIN ISO 4649: 2006

Code	Internal Diameter		External Diameter		Working Pressure		Weight	
	inch	mm	inch	mm	psi	bar	lbs/ft	kg/m
CS 5165	2"	51	2.56	65	75	5	1.41	2.1
CS 6378	2 1/2"	63.5	3.07	78	75	5	1.94	2.9
CS 7691	3"	76	3.57	91	75	5	2.35	3.5
CS 1011	4"	102	4.65	118	75	5	3.42	5.1
CS1214	5"	127	5.62	143	75	5	4.36	6.5
CS1517	6"	152	6.81	172	60	4	6.71	10
CS 2022	8"	203	8.68	220	45	3	9.07	13.5

JOLLYFLEX

FOOD GRADE HOSE

12 BAR



TECHNICAL SPECIFICATIONS

APPLICATION

The Food Grade Hose Range includes discharge hoses for use in breweries, dairy plants, other food processing sections and beverage industries. Suitable for use with alcohols, soft drinks and food.

TUBE

White EPDM food quality tube with high temperature resistance.

OPTIONAL

White color, Synthetic rubber with UHMPE liner.

REINFORCEMENT

High Strength Synthetic Cord.

COVER

SBR/NR or EPDM : - Black, resistant to Ozone, weather and abrasion resistant.

WORKING TEMPERATURE

-40°C to +80°C.

-40°F to +176°F.

STANDARDS/APPROVAL BfR XXI:2002(Kat.2), Weihenstephan, FDA CFR 21.177.2600

BRANDING Food Grade Hose W.P. 12 Bar /175 psi S.F. 3:1

STANDARD LENGTH Rolls of 10m, 20m & 40 m.

ALSO AVAILABLE UPON REQUEST 1. Different Diameters.

2. Different working pressures.

3. Suction hose also available.

Code	Internal Diameter		External Diameter		Working Pressure		Weight	
	inch	mm	inch	mm	psi	bar	lbs/ft	kg/m
FG 1323	1/2"	13	0.9	23	175	12	0.262	0.4
FG 1929	3/4"	19	1.14	29	175	12	0.36	0.55
FG 2537	1"	25	1.45	37	175	12	0.57	0.85
FG 3248	1 1/4"	32	1.88	48	175	12	0.97	1.45
FG 3856	1 1/2"	38	2.2	56	175	12	1.2	1.85
FG 5072	2"	50	2.83	72	175	12	1.98	2.95
FG 6385	2 1/2"	63.5	3.34	85	175	12	2.65	3.95

AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

 JOLLYFLEX

CHEMICAL SUCTION & DELIVERY HOSE

12 BAR



TECHNICAL SPECIFICATIONS

APPLICATION

The Chemical S & D Hose used for suction and discharge of wide range of light chemicals

FEATURES

Nitrile Rubber Tube, resistant to chemical products, abrasion, Cover resistant to weathering and ozone.

TUBE

Black Color, EPDM Synthetic Rubber resistant to wide range of Industrial Chemicals.

OPTIONAL

White color ,Synthetic rubber with UHMW - PE liner.

REINFORCEMENT

High Strength Synthetic Cord.

COVER

Black Colour, Synthetic rubber resistant to Ozone and weather and abrasion.

ELECTRICAL RESISTANCE

Dissipates static electricity

WORKING TEMPERATURE

-30°C to +100°C – depending on medium
-22 °F to 212 °F

STANDARDS/APPROVAL EN 12115 : 2011

BRANDING

Chemical Suction & Delivery Hose W.P 12 Bar/ 175 Psi S.F. 3:1

STANDARD LENGTH Rolls of 10m, 20m & 40 m.

ALSO AVAILABLE UPON REQUEST 1. Different Diameters. 2. Different working pressures.

Code	Internal Diameter		External Diameter		Working Pressure		Weight	
	inch	mm	inch	mm	psi	bar	lbs/ft	kg/m
CSD 1323	1/2"	13	0.9	23	175	12	0.262	0.4
CSD 1929	3/4"	19	1.14	29	175	12	0.36	0.55
CSD 2537	1"	25	1.45	37	175	12	0.57	0.85
CSD 3244	1 1/4"	32	1.7	44	175	12	0.97	1.45
CSD 3856	1 1/2"	38	2.2	56	175	12	1.2	1.85
CSD 5072	2"	50	2.83	72	175	12	1.98	2.95
CSD 6385	2 1/2"	63.5	3.34	85	175	12	2.65	3.95

JOLLYFLEX

SEWER JETTING HOSE

345 BAR



AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

APPLICATION

Standard sewer cleaning vehicles and cleaning equipments. Special construction for optimum cut and wear resistance with bonded tube and cover. High pressure capability combined with high safety factor, flexibility and small profile.

FEATURES

Excellent flexibility with small bending radius.

Special colors also available upon request.

Fungus resistant.

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS:

TUBE

Poly Amide

REINFORCEMENT

One or more braids of Aramid and polyester yarn.

COVER

Thermoplastic Polyurethane (TPU), blue color, abrasion and weather resistant

WORKING TEMPERATURE

-40°C to +60°C

-40°F to +140°F

BRANDING Sewer Jet Hose W.P 345 Bar /5000 psi

STANDARD LENGTH Rolls of 15m, 20m.

ALSO AVAILABLE UPON REQUEST: 1. Different Diameters. 2. Different working pressures.

Code	Internal Diameter		External Diameter		Minimum Bend Radius		Working Pressure		Burst Pressure	
	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar
SJ 0613	1/4	6.6	0.54	13.7	1.5	40	5000	345	15000	1035
SJ 0917	3/8	9.9	0.69	17.5	2.3	60	5000	345	15000	1035
SJ 1321	1/2	13.1	0.83	21.1	4	100	5000	345	15000	1035
SJ 1929	3/4	19	1.14	29	5	125	5000	345	15000	1035



TEXTILE BRAIDED PAINT SPRAY HOSE

225 BAR



APPLICATION

Suitable for applications requiring chemical resistance to solvents and aggressive paints.

FEATURES

Excellent flexibility with small bending radius. The hose comprises of a polyamide tube which is reinforced with high tensile textile wire braid. The Outer polyurethane cover provides excellent abrasion resistance.



TECHNICAL SPECIFICATIONS

TUBE

Poly Amide

REINFORCEMENT

One or more braids of polyester yarn

COVER

Thermoplastic Polyurethane (TPU), blue color, abrasion and weather resistant

WORKING TEMPERATURE

-40°C to 100°C

-40°F to 212°F

BRANDING Textile Braided Paint Spray Hose
W.P 225 Bar /3263 psi

STANDARD LENGTH Rolls of 15m, 20m.

ALSO AVAILABLE UPON REQUEST: 1. Different Diameters.
2. Different working pressures.

Code	Internal Diameter		External Diameter		Minimum Bend Radius		Working Pressure		Burst Pressure	
	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar
PE 0614	1/4"	6.6	0.57	14.5	4	100	3263	225	9800	675
PE 0918	3/8"	9.9	0.72	18.5	5.1	127	3263	225	9800	675
PE 1388	1/2"	13.1	0.88	22	7.1	178	3263	225	9800	675



1 WIRE PAINT SPRAY HOSE 420 BAR



AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

APPLICATION

Medium pressure hoses for solvents and paints. Suitable for airless paint spray systems up to 420 Bar / 6091 Psi.

FEATURES

Excellent flexibility with small bending radius.

The hose comprises of a poly amide tube which is reinforced with brass coated, high tensile steel wire braid. The outer polyurethane cover provides excellent abrasion resistance.

TECHNICAL SPECIFICATIONS

TUBE

Poly Amide (PA 12), non-permeable and chemical resistant to solvents, paints and aggressive fluids

REINFORCEMENT

Single braided layer of high tensile steel wire, ensuring strength and electrical conductivity

COVER

Blue color thermoplastic polyurethane (TPU), abrasion and weather resistant

WORKING TEMPERATURE

-40°C to +90°C

-40°F to +194°F

BRANDING Steel Braided Paint Spray Hose
W.P. 420 Bar / 6091 Psi

STANDARD LENGTH Rolls of 15m / 50ft with NPS female fittings and spring guards at both ends

Code	Internal Diameter		External Diameter		Minimum Bend Radius		Working Pressure		Burst Pressure	
	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar
PO 0613	1/4	6.6	0.46	11.7	1.6	40	6100	420	18250	1260
PO 0915	3/8	9.9	0.60	15.1	2.4	60	5075	350	15225	1050
PO 1321	1/2	13.1	0.72	18.3	3.0	76	5075	350	15225	1050
PO 1928	3/4	19	1.13	28.77	3.5	91	5075	350	15225	1050

JOLLYFLEX

2 WIRE PAINT SPRAY HOSE

500 BAR



APPLICATION

High pressure hoses for solvents and paints. Suitable for airless paint spray systems up to 500 Bar / 7251 Psi.

FEATURES

The hose comprises of a polyamide tube which is reinforced with brass coated, high tensile steel wire braid. The outer polyurethane cover provides excellent abrasion resistance.

The two braids of brass coated steel wire are separated by a thermoplastic cushion layer providing better impulse life.

Excellent flexibility with small bending radius.

TECHNICAL SPECIFICATIONS

TUBE

Poly Amide (PA 12), non-permeable and chemical resistant to solvents, paints and aggressive fluids

REINFORCEMENT

Two braided layer of high tensile steel wire, ensuring very high mechanical strength and electrical conductivity

COVER

Thermoplastic polyurethane (TPU), blue color, abrasion and weather resistant

WORKING TEMPERATURE

-40°C to +90°C

-40°F to +194°F

BRANDING Steel Braided Paint Spray Hose
W.P. 500 Bar / 7251 Psi

STANDARD LENGTH Rolls of 15m / 50ft with NPS female fittings and spring guards at both ends

Code	Internal Diameter		External Diameter		Minimum Bend Radius		Working Pressure		Burst Pressure	
	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar
PT 0611	1/4	6.6	0.54	13.7	1.6	40	7250	500	21750	1500
PT 0917	3/8	9.9	0.69	17.5	2.4	60	7250	500	21750	1500
PT 1318	1/2	13.1	0.83	21.1	3.0	76	7250	500	21750	1500
PT 1929	3/4	19	1.14	29	3.5	91	7250	500	21750	1500



1 ARAMID BRAID + 1 STEEL BRAID HOSE 550 BAR



AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

APPLICATION

Medium pressure hoses for solvents and paints. Suitable for airless paint spray systems and fire fighting foam systems. up to 550 Bar / 8000 Psi.

FEATURES

The hose comprises of a polyamide tube which is reinforced with brass coated high tensile steel wire and aramid braid. The outer polyurethane cover provides excellent abrasion resistance.

Excellent flexibility with small bending radius.

TECHNICAL SPECIFICATIONS

TUBE

Poly Amide (PA 12), non-permeable and chemical resistant to solvents, paints and aggressive fluids

REINFORCEMENT

Single braided layer of high tensile steel wire and one aramid braid ensuring strength and electrical conductivity

COVER

Black color thermoplastic polyurethane (TPU), blue color, abrasion and weather resistant

WORKING TEMPERATURE

-40°C to +90°C

-40°F to +194°F

BRANDING High Pressure Paint Spray Hose
W.P. 550 Bar / 8000 Psi

STANDARD LENGTH Rolls of 15m / 50ft with NPS female fittings and spring guards at both ends

Code	Internal Diameter		External Diameter		Minimum Bend Radius		Working Pressure		Burst Pressure	
	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar
PA 0612	1/4	6.6	0.46	12.9	1.6	40	7975	550	23900	1650
PA 0916	3/8	9.9	0.60	16.7	2.4	60	7975	550	23900	1650
PA 1321	1/2	13.2	0.83	20.2	3.1	80	7975	550	23900	1650
PA 1928	3/4	19	1.10	28.5	4.0	100	7975	550	23900	1650

JOLLYFLEX

2 ARAMID BRAID + 1 STEEL BRAID HOSE 600 BAR



APPLICATION

The thermoplastic hose is a high pressure hose. Used for passive fire protection (PFP) coatings and spray high viscosity paints.

TECHNICAL SPECIFICATIONS

TUBE

Poly Amide

REINFORCEMENT

Multiple braids of Aramid and steel wire braid ensuring high strength

COVER

Blue color thermoplastic polyurethane (TPU), Blue, Red or Black color, abrasion and weather resistant

WORKING TEMPERATURE

-40°C to +90°C

-40°F to +194°F

BRANDING High pressure paint spray hose
W.P.600 Bar / 8700 Psi

STANDARD LENGTH Rolls of 15m / 50ft with NPS female fittings and spring guards at both ends

Code	Internal Diameter		External Diameter		Minimum Bend Radius		Working Pressure		Burst Pressure	
	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar
FP 0612	1/4	6.6	0.46	12.9	1.6	40	8700	600	26100	1800
FP 0916	3/8	9.9	0.60	16.7	2.4	60	8700	600	26100	1800
FP 1321	1/2	13.2	0.83	20.2	3.1	80	8700	600	26100	1800
FP 1928	3/4	19	1.10	28.5	4.0	100	8700	600	26100	1800

JOLLYFLEX

SAE 100 R7 HOSE

210 BAR



AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

TECHNICAL SPECIFICATIONS

APPLICATION

Suitable for medium pressure hydraulic systems like hydraulic lifts, earthmoving equipments, agricultural machinery, material handling equipments etc.

FEATURES

The hose comprises of a thermoplastic elastomer tube which is compatible with petroleum, water and synthetic based fluids.

Excellent flexibility with small bending radius.

Micro bore hose also available.

TUBE

Thermoplastic Elastomer

REINFORCEMENT

One or multiple braids of polyester yarn

COVER

Thermoplastic Polyurethane (TPU), black color, abrasion and weather resistant

WORKING TEMPERATURE

-40°C + 90°C

-40°F + 194°F

BRANDING SAE 100 R7 Hose S.F. 4:1

EXCEEDS SAE 100R7 SPECIFICATIONS

STANDARD LENGTH Rolls of 50ft with NPS female fittings and spring guards at both ends

ALSO AVAILABLE Non-conductive SAE 100 R7 hose

Code	Internal Diameter inch	mm	External Diameter inch	mm	Minimum Bend Radius inch	mm	Working Pressure psi	bar	Burst Pressure psi	bar
R702	3/32"	2.5	0.23	6	1.1	30	3000	210	12150	840
R703	5/32"	4	0.31	8	1.18	30	3000	210	12150	840
R704	1/4"	6.6	0.49	12.4	1.3	40	3000	210	12150	840
R706	3/8"	9.9	0.62	15.74	2.2	60	2750	190	11000	760
R708	1/2"	13.1	0.76	19.30	2.7	70	2500	172	9975	688
R710	3/4"	19	1.02	26	3.1	80	2000	140	8100	560

JOLLYFLEX

SAE 100 R8 HOSE

345 BAR



APPLICATION

Suitable for high pressure hydraulic systems like hydraulic lifts, earthmoving equipments, agricultural machinery, material handling equipments, construction machinery etc.

FEATURES

The hose comprises of a thermoplastic elastomer tube which is compatible with petroleum, water and synthetic based fluids.

Excellent flexibility with small bending radius.

Excellent flexibility with small bending radius.

TECHNICAL SPECIFICATIONS

TUBE

Thermoplastic Elastomer

REINFORCEMENT

One braid of aramid yarn

COVER

Thermoplastic Polyurethane (TPU), black color, abrasion and weather resistant

WORKING TEMPERATURE

-40°C + 90°C

-40°F + 194°F

BRANDING SAE 100 R8 Hose S.F.4:1

EXCEEDS SAE 100R8 SPECIFICATIONS

STANDARD LENGTH Rolls of 50ft with NPS female fittings and spring guards at both ends

ALSO AVAILABLE Non-conductive SAE 100 R8 hose

Code	Internal Diameter		External Diameter		Minimum Bend Radius		Working Pressure		Burst Pressure	
	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar
R804	1/4"	6.6	0.49	12.4	1.3	40	5000	345	20000	1380
R806	3/8"	9.9	0.62	15.74	2.2	60	4500	310	17900	1240
R808	1/2"	13.1	0.76	19.30	2.7	70	4000	275	15900	1100
R810	3/4"	19	1.02	26	3.1	80	3500	240	13900	960



SAE 100 R8 SUPER TWIN HOSE 345 BAR



TECHNICAL SPECIFICATIONS

APPLICATION

Suitable for general hydraulic applications like Machine Tools, Construction equipment, agricultural brake systems, forklifts, articulating and telescopic booms, scissor lifts, cranes etc.

FEATURES

Lighter more flexible and more compact than traditional R2 hoses. Aramid reinforcement is used for high pressure performance. This is a light weight hose having excellent flexibility and the bonded construction provides high durability.

TUBE

Poly Amide.

REINFORCEMENT

One or more braids of Aramid

COVER

Thermoplastic Polyurethane, black or blue color, abrasion and weather resistant.

WORKING TEMPERATURE -40°C / +90°C.

BRANDING

Super Twin Hose Hose hose W.P. 5000 psi, 345 Bar

STANDARD LENGTH Rolls of 15m, 30m and 100m

ALSO AVAILABLE UPON REQUEST

1. Different Diameters. 2. Different working pressures.

AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

Code	Internal Diameter		External Diameter		Minimum Bend Radius		Working Pressure		Burst Pressure	
	inch	mm	inch	mm	inch	mm	Psi	Bar	Psi	Bar
R8 TW 0612	1/4"	6.6	0.49	12.3	2.0	51	5000	345	20000	1380
R8 TW 0915	3/8"	9.9	0.63	15.9	2.5	64	4000	275	16000	1100
R8 TW1319	1/2"	13.1	0.78	19.7	3.2	82	3500	240	14000	965

JOLLYFLEX

HYDRAULIC JACK HOSE

700 BAR



APPLICATION

Suitable for very high pressure hydraulic systems like jacks, cylinders, rescue equipment, mining equipment etc.

FEATURES

Excellent flexibility with small bending radius.

TECHNICAL SPECIFICATIONS

TUBE

Inner core made with polyamide

REINFORCEMENT

Two layers of steel wire braid ensuring high strength

COVER

Red color thermoplastic polyurethane (TPU), abrasion and weather resistant

WORKING TEMPERATURE

-40°C + 90°C

-40°F + 194°F

BRANDING Jack Hose W.P. 700 Bar S.F. 4:1

STANDARD LENGTH 15m roll with NPS female fittings and spring guards at both ends.

EXCEEDS SAE J517

ALSO AVAILABLE Non conductive jack hose with two layers of Aramid fibre with orange outer cover is also available on request

Code	Internal Diameter		External Diameter		Minimum Bend Radius		Working Pressure		Burst Pressure	
	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar
HJ04	1/4"	6.6	0.49	12.4	1.6	40	10150	700	40610	2800
HJ06	3/8"	9.9	0.669	17	2.4	60	10150	700	40610	2800
HJ08	1/2"	13.1	0.866	22	3.0	77	10150	700	40610	2800

JOLLYFLEX

WATER BLAST HOSE

850 BAR



TECHNICAL SPECIFICATIONS

APPLICATION

Suitable for water blasting, ultra high pressure water jetting, and for surface cleaning equipment.

FEATURES

Thermoplastic Waterblasthose is a highly flexible hose with a safety factor of 2.5:1 which is a world wide standard. All the hoses are 100% tested upto proof pressure.

Our Water blast hoses are used in many waterblast applications such as pipe cleaning, water-jet cutting, paint removal, concrete refurbishment etc.

TUBE

Poly Amide.

REINFORCEMENT

Multiple layers of Aramid and steel braiding.

COVER

Thermoplastic Polyurethane, black or red color, abrasion and weather resistant.

WORKING TEMPERATURE -40°F + 194°F.

BRANDING

Waterblast hose W.P. 12500 psi, 850 Bar

STANDARD LENGTH Rolls of 15m, 30m and 100m

ALSO AVAILABLE UPON REQUEST

1. Different Diameters. 2. Different working pressures.

AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

Code	Internal Diameter inch	mm	External Diameter inch	mm	Minimum Bend Radius inch	mm	Working Pressure Psi	Bar	Burst Pressure Psi	Bar
WB 0611	1/4"	6.6	0.46	11.7	4.1	100	12500	850	32625	2550
WB 0915	3/8"	9.9	0.59	15.1	5.1	129	12500	850	32625	2550
WB 1318	1/2"	13.1	0.72	18.3	7.9	200	12500	850	32625	2550
WB 1928	3/4"	19	1.13	28.77	9.5	241	12500	850	32625	2550



BEVERAGE DISPENSING HIGH PRESSURE MIXED GAS HOSE 350 BAR



APPLICATION

High pressure hose designed for use with mixed gas, nitrogen and carbon dioxide lines for the beverage industry.

FEATURES

This hose has a flavour free inner tube suitable for food grade applications and eliminates contamination risk of the gas and beverage with plastic material. The thermoplastic hose is used for high pressure beverage drink distributing equipment from 200 to 350 bar (3000 to 5000 psi)

TECHNICAL SPECIFICATIONS

TUBE

Poly Amide.

REINFORCEMENT

Two braids of synthetic fiber or one aramid braid or one steel braid.

COVER

Thermoplastic Polyurethane, Blue colour, abrasion and weather resistant.

WORKING TEMPERATURE

-40°C / +90°C.

BRANDING High pressure Mixed Gas Hose W.P. 5000 psi, 350 Bar

STANDARD LENGTH Rolls of 15m, 30m and 100m

ALSO AVAILABLE UPON REQUEST 1. Different Diameters. 2. Different working pressures.

Code	Internal Diameter		External Diameter		Minimum Bend Radius		Working Pressure		Burst Pressure	
	inch	mm	inch	mm	inch	mm	Psi	Bar	Psi	Bar
MG 0611	1/4"	6.6	0.46	11.7	2.0	51	5000	345	20300	1400
MG 0611	1/4"	6.6	0.45	11.5	1.5	40	3045	210	9130	630
MG 0612	1/4"	6.6	0.48	12.2	1.5	40	4350	300	20305	1200

JOLLYFLEX

REFRIGERATION HOSE

150 BAR



TECHNICAL SPECIFICATIONS

APPLICATION

This hose can be used for the passage of various refrigerants and are compatible with the major lubricants used in the industry. It can be an alternative to traditional copper tubes which are currently used refrigeration systems

TUBE

Poly Amide.

REINFORCEMENT

One or more braids of polyester yarn.

COVER

Thermoplastic Polyurethane, Green color, abrasion and weather resistant.

WORKING TEMPERATURE

-40°C / +90°C.

BRANDING Refrigeration Hose hose W.P. 2250 psi, 150 Bar.

STANDARD LENGTH Rolls of 15m, 30m and 100m

ALSO AVAILABLE UPON REQUEST 1. Different Diameters. 2. Different working pressures.

AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

Code	Internal Diameter		External Diameter		Minimum Bend Radius		Working Pressure		Burst Pressure	
	inch	mm	inch	mm	inch	mm	Psi	Bar	Psi	Bar
RG 0206	1/12"	2	0.2	6	0.5	15	1740	120	6960	480
RG 0408	5/32"	4	0.3	8.2	1.18	30	1740	120	6960	480
RG 0410	3/16"	4.8	0.39	10.1	1.96	50	1740	120	6960	480
RG 0611	1/4"	6.6	0.46	11.9	2.95	75	1740	120	6960	480
RG 0814	5/16"	8.1	0.58	14.9	3.5	89	1740	120	6960	480
RG 0916	3/8"	9.9	0.63	16.1	3.9	100	2250	155	9000	620
RG 1319	1/2"	13.1	0.76	19.3	4.9	125	2000	140	8120	560
RG 1622	5/8"	16	0.8	22.3	6.4	165	1450	100	5800	400



POWER WASH /PRESSURE WASH HOSE

225 BAR



APPLICATION

This hose is used for high pressure water pump and wash gun. The steel reinforcement makes this hose extremely tough for harsh environments but still lightweight compared with rubber R1 hose. This product is ideal for professional power washer and car-wash stations.

TECHNICAL SPECIFICATIONS

TUBE

Poly Amide.

REINFORCEMENT

Single braided layer of high tensile steel wire.

COVER

Thermoplastic Polyurethane, Blue or black colour, abrasion, and weather resistant.

WORKING TEMPERATURE

-40°C / +100°C.

BRANDING Pressure washer Hose W.P. 3250 psi, 225 Bar

STANDARD LENGTH Rolls of 10m, 20m and 30m

ALSO AVAILABLE UPON REQUEST 1. Different Diameters. 2. Different working pressures.

Code	Internal Diameter		External Diameter		Minimum Bend Radius		Working Pressure		Burst Pressure	
	inch	mm	inch	mm	inch	mm	Psi	Bar	Psi	Bar
CW 425	3/16"	4.8	0.41	10.5	2.5	65	3265	225	9800	675
CW 612	1/4"	6.5	0.59	12	2.9	75	3265	225	9800	675
CW 951	3/8"	9.5	0.72	19	5.1	130	3265	225	9800	675



CO2 FIRE EXTINGUISHING SYST. 210 BAR



TECHNICAL SPECIFICATIONS

FEATURES

This hose is used for CO2 fire extinguishing medium pressure systems in marine environments.

The Thermoplastic hose for CO2 fire extinguishing systems can operate in pressures from 140 to 300 bar (2000 to 4300 psi). This high pressure thermoplastic hose has a reinforcement of one steel braid which improves its mechanical and pressure performance.

Inner tube is thermoplastic polymer, reinforcement is polyester textile braids and exterior covering is in polyurethane which is resistant to UV rays, microorganisms-resistant. The cover is micro perforated for gas conduction.

Exceed SAE J517 sect. SAE 100R7 specification

TUBE

Thermoplastic Elastomer

REINFORCEMENT

One or more braids of steel wire

COVER

Thermoplastic polyurethane (TPU),black color, abrasion and weather resistant

WORKING TEMPERATURE

-60 °C to +93 °C

-76 °F to +199 °F

BRANDING

Steel Braid CO2 Fire Extinguishing SYST . S F 4:1
Exceed SAE J517 sect. SAE 100R7 specification

STANDARD LENGTH Rolls of 15m, 30m, 100m

ALSO AVAILABLE UPON REQUEST

1. Different Diameters. 2. Different working pressures.

AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

Code	Internal Diameter		External Diameter		Minimum Bend Radius		Working Pressure		Burst Pressure	
	inch	mm	inch	mm	inch	mm	Psi	Bar	Psi	Bar
FE 4810	3/16"	4.8	0.39	10	1.1	30	3045	210	9140	630
FE 6611	1/4"	6.6	0.46	11.8	1.3	35	2900	200	8700	600
FE 9916	3/8"	9.9	0.62	16	2.1	55	2537	175	7610	525
FE 1320	1/2"	13.1	0.79	20.3	2.9	75	2030	140	6090	420



DREDGING HOSE / MINING HOSE

15 BAR



APPLICATION

The Dredging Hose range includes both suction and discharge dredging hose, dredge gimbal joint hoses and dredge sleeve. Excellent for heavy duty sand suction applications, slurries and abrasive materials.

FEATURES

Built for suction and discharge applications, these high quality hoses are made with high tensile spring steel wire helix/heavy steel rings, designed to cater to heavy dynamic loads, assure maximum tensile strength and to absorb vibration and shock.

The Dredge Hose can be custom made to any size and is available with a broad array of flange types.

TECHNICAL SPECIFICATIONS

TUBE

Antistatic NR/PBR rubber, smooth, black, abrasion resistant

REINFORCEMENT

Multiple plies of synthetic fabric with rubber encapsulated high tensile spring steel wire helix/heavy steel rings

COVER

Antistatic NR/SBR rubber, black, wrapped finish, abrasion and ozone resistance

WORKING TEMPERATURE

-35°C to +70°C

-31°F to +158°F

FACTOR OF SAFETY 3:1

BRANDING Dredging Hose W.P. 15 Bar / 225 Psi

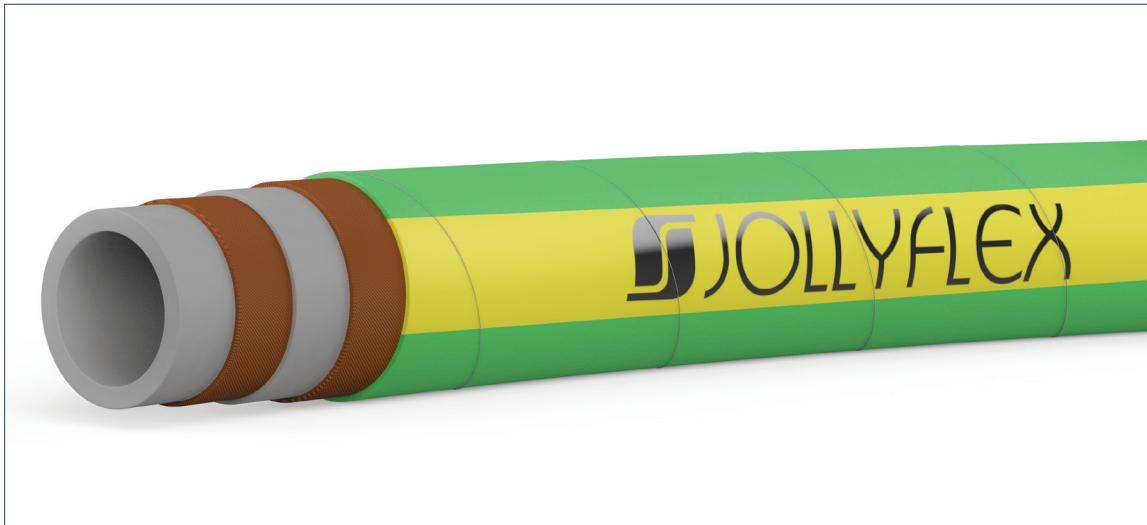
STANDARD LENGTH Rolls of 10, 20, 40m / 50, 75, 100ft

Code	Internal Diameter		External Diameter		Working Pressure		Weight		Vacuum
	inch	mm	inch	mm	psi	bar	lbs/ft	kg/m	
DR 1013	4"	101.6	5.37	136.52	225	15	4.19	6.25	0.9
DR 1216	5"	127	6.68	169.86	225	15	6.5	9.68	0.9
DR 1519	6"	152.4	7.62	193.67	225	15	6.47	9.64	0.9
DR 2024	8"	203.2	9.62	244.47	225	15	13.78	20.51	0.9
DR 2530	10"	254	11.81	300.03	225	15	15.79	23.51	0.9

JOLLYFLEX

CARBON FREE HOSE

17.2 BAR



AIR

MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

APPLICATION

Suitable for conveying cooling water for smelting furnaces like steel plants, glass works, foundries or any place the hose is subjected to high temperatures and splashes of red hot molten metals.

It can be used to cool and protect high voltage electrical cables. Also used for applications requiring an electrically insulated hose.

FEATURES

The hose is robust yet flexible, reinforced with a high strength synthetic cord. The cover is temperature resistant and withstands heat radiation.

TECHNICAL SPECIFICATIONS

TUBE

White color EPDM rubber with insulating properties and smooth

REINFORCEMENT

High strength synthetic cord

COVER

Non-conductive, heat resistant NBR rubber, abrasion and ozone resistant

WORKING TEMPERATURE

-35°C to +120°C

-31°F to +248°F

FACTOR OF SAFETY 3:1

BRANDING Carbon Free Hose W.P. 17.2 Bar / 250 Psi

STANDARD LENGTH Rolls of 10, 20, 40m / 50, 75, 100ft

SPECIAL PROPERTIES $R > 10^{10} \Omega/m$ (insulating)

Code	Internal Diameter		External Diameter		Working Pressure	
	inch	mm	inch	mm	psi	bar
CF 1321	1/2"	13	0.85	21.6	250	17.2
CF 1931	3/4"	19.8	1.20	31	250	17.2
CF2637	1"	26.2	1.45	37.5	250	17.2
CF 3245	1 1/4"	32.4	1.40	45.2	250	17.2
CF 3953	1 1/2"	39.2	2.10	53.6	250	17.2
CF 5166	2"	51.8	2.60	66	200	14
CF 6381	2 1/2"	63.5	3.20	81	200	14
CF 7693	3"	76.9	3.68	93.5	200	14



AIR CRAFT GROUND FUELING AND DEFUELING HOSE 20 BAR



APPLICATION

The Aircraft Refueling Hose is for fueling and defueling military, commercial, private aircraft. The hose is used for handling jet fuels, motor oils and for conveying higher aromatic aviation gasolines.

FEATURES

Jollyflex brand name, specification, size, date of manufacture etc. will be marked on the hose for identification and traceability. All of our aircraft hoses are hydrostatically pressure tested at proof pressure which is twice the rated working pressure, and tested air underwater at maximum operating pressure. We can also meet or exceed the requirements of MIL H Specifications, DEF STAN standards etc.

Electrical resistance of hose is between 10^3 and 10^6 Ohm.

TECHNICAL SPECIFICATIONS

TUBE Black Colour, NBR Synthetic Rubber, antistatic and smooth

REINFORCEMENT High strength synthetic cord

COVER Black Colour, Synthetic rubber resistant to weather, abrasion and hydrocarbons.

WORKING TEMPERATURE

-30°C to +80°C depending on medium
-22 °F to 176 °F

BRANDING Aircraft Ground Fueling and Defueling hose
W.P. 20 Bar /290 psi S.F. 3:1

STANDARD LENGTH Rolls of 10m, 20m & 40 m/65,131 ft

STANDARDS/APPROVAL IS: 5797-2016/ISO :1825-2010

ALSO AVAILABLE UPON REQUEST 1. Different Diameters. 2. Different working pressures.

NOTE If required, supplied in service lengths with couplings at the ends and with test report.

Code	Internal Diameter		External Diameter		Minimum Bend Radius		Working Pressure	
	inch	mm	inch	mm	inch	mm	Psi	Bar
AC 2515	1"	25	1.45	37	5.91	150	290	20
AC 3244	1 1/4"	32	1.73	44	7.48	189	290	20
AC 3851	1 1/2"	38	2	51	8.86	225	290	20
AC 5166	2"	51	2.5	66	10.83	275	290	20
AC 6379	2 1/2"	63.5	3.11	79	11.81	199	290	20
AC 7691	3"	76	3.58	91	11.81	199	290	20
AC 1017	4"	100	4.6	117	17.72	450	290	20



PERISTALTIC PUMP HOSE 16 BAR

APPLICATION

Suitable for transferring concrete, slurry, sludge, sewage, hydrocarbons, corrosive acids, waste, paper & pulp etc.

FEATURES

Peristaltic Hose is carefully designed and manufactured to provide high performance, high fatigue strength and durability. We offer peristaltic pump hose completely customized to accommodate specific requirements for your application.

Hoses are available in Natural Rubber (NR), Nitrile Butadiene Rubber (NBR) and Ethylene Propylene Diene Monomer (EPDM).

Internal Diameter, wall thickness, rubber lining, working pressure and length are determined based on customer specifications.

TECHNICAL SPECIFICATIONS

TUBE

NR for extremely abrasive mediums, EPDM for chemicals and NBR for oily products

REINFORCEMENT

4 layers or 6 layers of high strength polyester/nylon cord fabric designed for the restitution of the hose

COVER

Antistatic NR/SBR rubber, black, wrapped finish and abrasion resistant

WORKING TEMPERATURE

-35°C to +70°C

-31°F to +158°F

FACTOR OF SAFETY 3:1

BRANDING Peristaltic Pump Hose W.P. 16 Bar / 230 Psi

STANDARD LENGTH Rolls of 10, 20, 40m / 50, 75, 100ft

EXCEEDS EN ISO 1307:2006

AIR

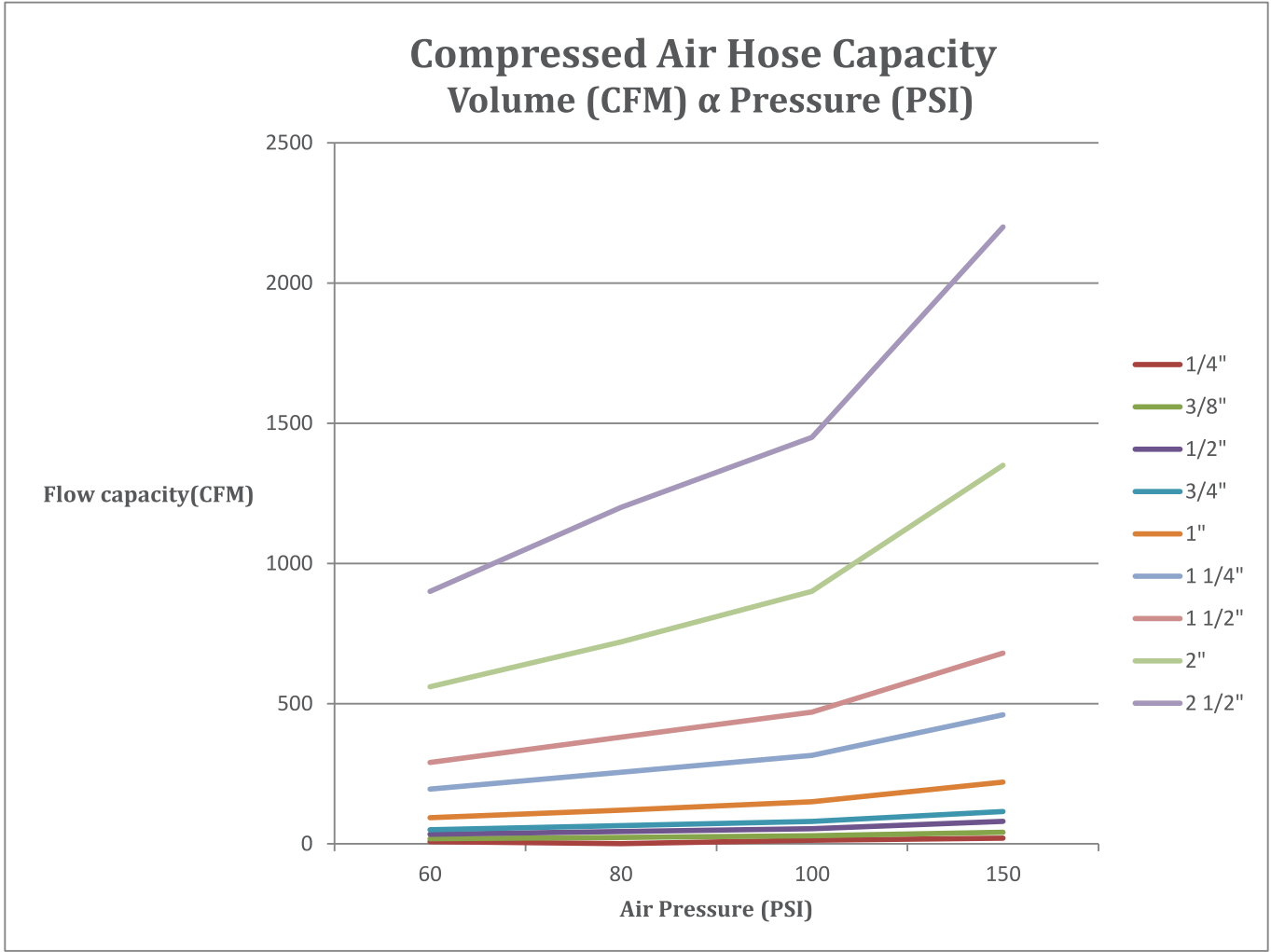
MATERIAL HANDLING

THERMOPLASTIC

SPECIAL APPLICATION

Maximum Recommended Air Flow (CFM) ANSI Standard										
	SIZE									
PSI		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
	60	8	18	34	50	93	195	290	560	900
	80	0.5	23	44	65	120	255	380	720	1200
	100	13	29	54	80	150	315	470	900	1450
	150	20	41	80	115	220	460	680	1350	2200

For Conversion to Cubic Meter Divided by 35.3





Other Products :

Rubber Moulded Items

- Gasket ,Washers ,Oring etc

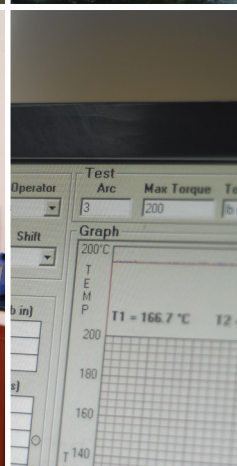
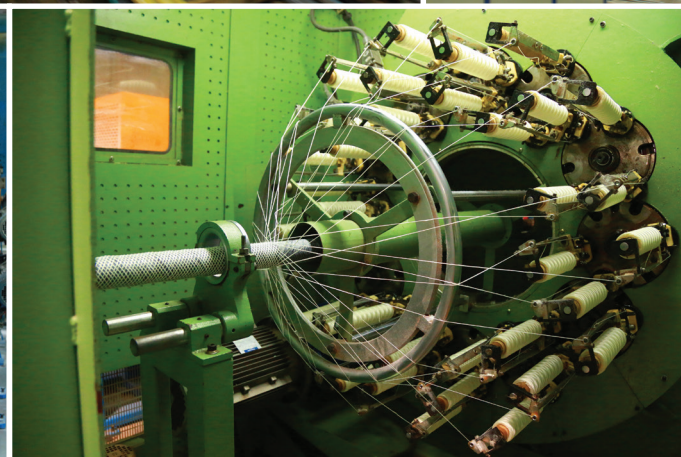
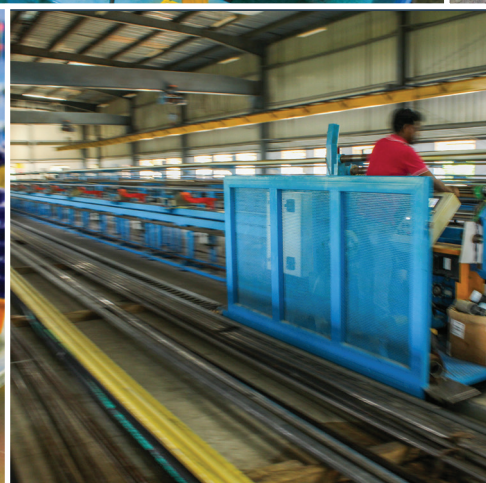
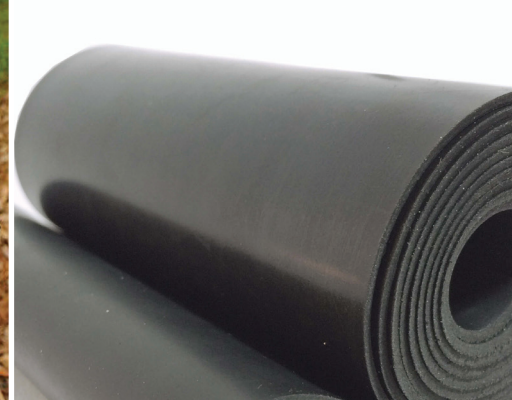
Thermoplastic Injection Moulded Items

- Nylon Hose Couplings
- Polyurethane Washers etc

Customized Rubber Hose

Rubber Hose Assembly







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