

RUBBER HOSE

M44 WATER SUCTION & DISCHARGE 10BAR (150PSI) - SF 3.1



Construction

Core

Black colour, synthetic rubber resistant to water.

Reinforcement

Plies of synthetic cords, with helix wire.

Cover

Black colour, synthetic rubber, wrapped type, abrasion water resistant.

Application

Mandrel built heavy duty suction and discharge hose for handling of water, inert fluid, sewerages and waste water, where optimum flexibility is required.

Temperature Range:

Continuous: -25°C to +70°C

Code Part #	Hose I.D.		Hose O.D.		WP		BP		Vacuum (Bar)	W Kg/m	MBR (mm)
	(In)	(mm)	(In)	(mm)	(psi)	(Bar)	(psi)	(Bar)			
M44-020	3/4	19.0	1.14	29.0	150	10	435	30	0.90	0.69	125
M44-025	1	25.0	1.38	35.0	150	10	435	30	0.90	0.80	150
M44-032	1¼	32.0	1.65	42.0	150	10	435	30	0.90	0.96	200
M44-038	1½	38.0	1.89	48.0	150	10	435	30	0.90	1.11	255
M44-050	2	51.0	2.44	62.0	150	10	435	30	0.90	1.50	300
M44-065	2½	63.0	2.95	75.0	150	10	435	30	0.90	1.96	355
M44-075	3	76.0	3.46	88.0	150	10	435	30	0.90	2.40	460
M44-090	3½	89.0	4.02	102.0	150	10	435	30	0.90	2.90	550
M44-100	4	102.0	4.57	116.0	150	10	435	30	0.90	3.30	600
M44-125	5	127.0	5.55	141.0	150	10	435	30	0.90	5.20	700
M44-150	6	152.0	6.73	171.0	150	10	435	30	0.80	6.70	800
M44-200	8	203.0	8.78	223.0	150	10	435	30	0.70	11.20	900

RUBBER HOSE

M46 WATER SUCTION & DISCHARGE 20BAR (300PSI) - SF 3.1



Construction

Core

Black colour, Synthetic rubber resistant to water.

Reinforcement

Plies of synthetic textile cords with steel helix.

Cover

Black colour, Synthetic rubber, wrapped type, abrasion water resistant.

Application

Mandrel built heavy duty water suction and discharge hose for handling of water, inert fluid, sewerages, waste water, where optimum flexibility is required.

Temperature Range:

Continuous: -25°C to +70°C

Item Code	Dash Size	ID		OD		WP		BP		W
		inch	mm	inch	mm	psi	bar	psi	bar	
M46-020	-12	¾	19.0	1.14	29.0	300	20	900	60	0.70
M46-025	-16	1	25.0	1.38	35.0	300	20	900	60	0.85
M46-032	-20	1¼	32.0	1.65	42.0	300	20	900	60	0.99
M46-038	-24	1½	38.0	1.97	50.0	300	20	900	60	1.42
M46-050	-32	2	51.0	2.56	65.0	300	20	900	60	2.04
M46-065	-40	2½	64.0	3.07	78.0	300	20	900	60	2.65
M46-075	-48	3	76.0	3.54	90.0	300	20	900	60	3.11
M46-100	-64	4	102.0	4.65	118.0	300	20	900	60	4.57
M46-125	-80	5	127.0	5.63	143.0	300	20	900	60	6.29
M46-150	-96	6	152.0	6.89	175.0	300	20	900	60	9.40
M46-200	-128	8	203.0	9.17	233.0	300	20	900	60	14.40

RUBBER HOSE

M45 WATER SUCTION & DISCHARGE EPDM 10BAR (150PSI) - SF 3.1



Construction

Core

Black colour, EPDM rubber resistant to water.

Reinforcement

Plies of synthetic textile cords with steel helix.

Cover

Black colour, EPDM rubber resistant to weather, ozone & abrasion.

Application

Mandrel built heavy duty water suction and discharge hose for handling of water, inert fluid, sewerages, waste water, where optimum flexibility is required.

Temperature Range:

Continuous: -25°C to +70°C

Item Code	Dash Size	ID		OD		WP		BP		W kg/m
		inch	mm	inch	mm	psi	bar	psi	bar	
M45-050	-32	2	51.0	2.44	62.0	150	10	435	30	1.50
M45-075	-48	3	76.0	3.46	88.0	150	10	435	30	2.40
M45-100	-64	4	102.0	4.57	116.0	150	10	435	30	3.30
M45-150	-96	6	152.0	6.73	171.0	150	10	435	30	6.70

RUBBER HOSE

M25 CORRUGATED WATER SUCTION & DISCHARGE 10BAR (150PSI) - SF 3.1



Construction

Core

Black colour, Synthetic rubber resistant to water.

Reinforcement

Plies of synthetic textile cords with helix wire,

Cover

Black colour, Synthetic rubber, Corrugated type, abrasion water resistant.

Application

Water suction delivery, in agriculture, industrial and construction application.

Temperature Range:

Continuous: -20°C to +80°C

Item Code	Dash Size	DN	ID		OD		WP		BP		MBR		Vacuum		Length
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	bar	In Hg	
M25-075-003	-48	76	3	76	3	76	150	10	435	30	14.6	370	0.9	26.5	3.0
M25-075-006	-48	76	3	76	3	76	150	10	435	30	14.6	370	0.9	26.5	6.0
M25-100-003	-64	102	4	102	5	115	150	10	435	30	19.3	490	0.9	26.5	3.0
M25-100-006	-64	102	4	102	5	115	150	10	435	30	19.3	490	0.9	26.5	6.0
M25-150-003	-96	152	6	152	7	167	150	10	435	30	25.2	640	0.9	26.5	3.0
M25-150-006	-96	152	6	152	7	167	150	10	435	30	25.2	640	0.9	26.5	6.0
M25-200-003	-128	203	8	203	8.7	221	150	10	435	30	31.5	800	0.9	26.5	3.0
M25-200-006	-128	203	8	203	8.7	221	150	10	435	30	331.5	370	0.9	26.5	6.0

RUBBER HOSE

M28 FUEL / OIL SUCTION & DISCHARGE 10BAR (150PSI) - SF 3.1



Construction

Core

Black colour, synthetic rubber resistant to oil.

Reinforcement

Plies of synthetic textile cords, with steel helix and two cross anti static copper wire.

Cover

Black colour, synthetic rubber resistant to oil, ozone and abrasion.

Application

Mandrel built heavy duty oil suction and discharge hose for handling grades of gasoline or petroleum oils of aromatic content upto 50% from tank truck, in dispensing station etc, during winter/summer seasons and withstands full vacuum.

Temperature Range:

Continuous: -20°C to +80°C

Code Part #	Hose I.D.		Hose O.D.		WP		BP		Vacuum (Bar)	W Kg/m	MBR (mm)
	(In)	(mm)	(In)	(mm)	(psi)	(Bar)	(psi)	(Bar)			
M28-020	3/4	19.0	1.14	29.0	150	10	435	30	0.90	0.60	125
M28-025	1	25.0	1.38	35.0	150	10	435	30	0.90	0.74	150
M28-032	1¼	32.0	1.65	42.0	150	10	435	30	0.90	0.90	200
M28-038	1½	38.0	1.89	48.0	150	10	435	30	0.90	1.10	255
M28-050	2	51.0	2.44	62.0	150	10	435	30	0.90	1.40	300
M28-065	2½	63.0	2.95	75.0	150	10	435	30	0.90	2.10	355
M28-075	3	76.0	3.54	90.0	150	10	435	30	0.90	2.70	460
M28-090	3½	89.0	4.09	104.0	150	10	435	30	0.90	3.10	550
M28-100	4	102.0	4.61	117.0	150	10	435	30	0.90	3.80	600
M28-125	5	127.0	5.63	143.0	150	10	435	30	0.90	6.00	700
M28-150	6	152.0	6.61	168.0	150	10	435	30	0.80	7.40	800
M28-200	8	203.0	8.82	224.0	150	10	435	30	0.70	12.20	900

RUBBER HOSE

M30 FUEL / OIL SUCTION & DISCHARGE 20BAR (150PSI) - SF 3.1



Construction

Core

Black colour, synthetic rubber resistant to oil.

Reinforcement

Plies of synthetic textile cords, with steel helix and two cross anti static copper wire.

Cover

Black colour, synthetic rubber resistant to oil, ozone and abrasion.

Application

Mandrel built heavy duty oil suction and discharge hose for handling grades of gasoline or petroleum oils of aromatic content upto 50% from tank truck, in dispensing station etc, during winter/summer seasons and withstands full vacuum.

Temperature Range:

Continuous: -20°C to +80°C

Code Part #	Hose I.D.		Hose O.D.		WP		BP		Vacuum (Bar)	W Kg/m	MBR (mm)
	(In)	(mm)	(In)	(mm)	(psi)	(Bar)	(psi)	(Bar)			
M30-020	3/4	19.0	1.14	29.0	300	20	870	60	0.90	0.60	125
M30-025	1	25.0	1.38	35.0	300	20	870	60	0.90	0.86	150
M30-032	1¼	32.0	1.65	42.0	300	20	870	60	0.90	1.03	200
M30-038	1½	38.0	1.93	49.0	300	20	870	60	0.90	1.20	255
M30-050	2	51.0	2.48	63.0	300	20	870	60	0.90	1.80	300
M30-065	2½	63.0	3.03	77.0	300	20	870	60	0.90	2.40	355
M30-075	3	76.0	3.54	90.0	300	20	870	60	0.90	2.90	460
M30-090	3½	89.0	4.09	104.0	300	20	870	60	0.90	3.60	550
M30-100	4	102.0	4.65	118.0	300	20	870	60	0.90	4.10	600
M30-125	5	127.0	5.63	143.0	300	20	870	60	0.90	6.80	700
M30-150	6	152.0	6.77	172.0	300	20	870	60	0.90	9.00	800
M30-200	8	203.0	8.94	227.0	300	20	870	60	0.90	14.00	900

RUBBER HOSE

M26 FUEL / OIL DISCHARGE 20BAR (300PSI) - SF 3.1



Construction

Core

Black colour, Synthetic rubber resistant to oil.

Reinforcement

Plies of synthetic textile cords

Cover

Black colour, Synthetic rubber resistant to oil, ozone and abrasion

Application

Mandrel built heavy duty oil suction and discharge hose for handling grades of gasoline or petroleum oils of aromatic content upto 50% from tank truck, in dispensing station etc, during winter/summer seasons and withstands full vacuum.

Temperature Range:

Continuous: -20°C to +80°C

Code	ID		OD		WP		BP		W
Part #	(In)	(mm)	(In)	(mm)	(psi)	(Bar)	(psi)	(Bar)	(Bar)
M26-020	3/4	19.0	1.06	27.0	300	20	870	60	0.68
M26-025	1	25.0	1.38	35.0	300	20	870	60	0.81
M26-032	1¼	32.0	1.65	42.0	300	20	870	60	1.22
M26-038	1½	38.0	1.89	48.0	300	20	870	60	1.35
M26-050	2	51.0	2.44	62.0	300	20	870	60	2.04
M26-065	2½	63.0	2.95	75.0	300	20	870	60	2.65
M26-075	3	76.0	3.46	88.0	300	20	870	60	3.08
M26-090	3½	89.0	4.09	104.0	300	20	870	60	3.60
M26-100	4	102.0	4.57	116.0	300	20	870	60	4.87

RUBBER HOSE

M22 AIR & WATER DISCHARGE 20BAR (300PSI) - SF 3.1



Construction

REINFORCEMENT: High tensile braid.
 INNER TUBE: Black NR/SBR blend.
 COVER: Black NR/SBR blend.
 BRANDING: Blue layline.
 TEMPERATURE: -20°C to +80°C
 STANDARDS: AS2554 Type B.

ADVANTAGES:

- Good cold weather flexibility.
- Good resistance to fatigue, bending & twisting.
- Excellent resistance to abrasion and atmospheric conditions.
- Safety factor 3:1

Application

Designed for pneumatic machines tools, such as rock drills and air/water mining applications.

Item Code	Dash Size	ID		OD		WP		BP		W
		inch	mm	inch	mm	psi	bar	psi	bar	
M22-012	-8	1/2"	12	0.81	20.5	300	20	900	60	0.35
M22-020	-12	3/4"	19	1.12	28.5	300	20	900	60	0.65
M22-025	-16	1	25	1.34	34	300	20	900	60	0.67
M22-032	-20	1¼	32	1.65	42	300	20	900	60	0.80
M22-038	-24	1½	38	1.89	48	300	20	900	60	0.94
M22-050	-32	2	51	2.44	62	300	20	900	60	2.20
M22-065	-40	2½	63	2.99	76	300	20	900	60	2.60
M22-075	-48	3	76	3.5	89	300	20	900	60	3.10
M22-100	-64	4	102	4.57	116	300	20	900	60	4.12

RUBBER HOSE

M04 - WATER DISCHARGE HOSE (MANDREL TYPE)



Construction

Core

Black, smooth, synthetic rubber.

Reinforcement

High strength synthetic cord.

Cover

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

Application

Softwall hose designed for water, and non-corrosive fluids used in construction sites and light duty industrial applications.

Temperature Range:

-20°C to +70°C

PART NUMBER	ID	OD	WP		BP		Length MT
	mm	mm	PSI	BAR	PSI	BAR	
M04-012	12.7	21	150	10	450	30	20, 60
M04-020	19.1	28	150	10	450	30	20, 60
M04-025	25.4	34	150	10	450	30	20, 60
M04-032	31.8	42	150	10	450	30	20, 60
M04-038	38.1	48	150	10	450	30	20, 60
M04-050	50.8	62	150	10	450	30	20, 60
M04-065	63.5	76	150	10	450	30	20, 60
M04-075	76.2	89	150	10	450	30	20, 60
M04-100	101.6	116	150	10	450	30	20, 60
M04-114	114.3	129	150	10	450	30	20, 60
M04-125	127	142	150	10	450	30	20, 60
M04-150	152.4	167	150	10	450	30	20, 60

RUBBER HOSE

H10 UHMWPE FDA SUCTION & DISCHARGE 17BAR (250PSI) - SF 3.1



Construction

Core

White colour, synthetic rubber with transparent UHMWPE liner.

Reinforcement

High tensile synthetic cord with steel helix and 2 cross anti static wire.

Cover

Green colour EPDM rubber resistant to ozone, weather and abrasion.

Application

Food & potable water.

Conveying acids and chemical with finish.

Temperature Range:

Continuous: -30°C to +120°C

Code Part #	Hose I.D.		Hose O.D.		WP		BP		Vacuum (Bar)	W Kg/m	MBR (mm)
	(In)	(mm)	(In)	(mm)	(psi)	(Bar)	(psi)	(Bar)			
H10-020	3/4	19.0	1.22	31.0	250	17	750	51	0.9	0.70	200
H10-025	1	25.0	1.46	37.0	250	17	750	51	0.9	1.29	250
H10-032	1¼	32.0	1.73	44.0	250	17	750	51	0.9	1.49	300
H10-038	1½	38.0	1.97	50.0	250	17	750	51	0.9	1.90	400
H10-050	2	51.0	2.48	63.0	250	17	750	51	0.9	2.50	500
H10-065	2½	63.0	3.07	78.0	250	17	750	51	0.9	3.20	630
H10-075	3	76.0	3.70	94.0	250	17	750	51	0.9	4.30	750
H10-100	4	102.0	4.72	120.0	250	17	750	51	0.9	4.80	800

RUBBER HOSE

M07 - FOOD SUCTION AND DISCHARGE HOSE (FOR FATTY FOODS)



Construction

Core

White, smooth, NBR food quality rubber.

Reinforcement

High strength synthetic cord and helix wire.

Cover

Blue, smooth (wrapped finish), synthetic rubber, oil and weathering resistant.

Application

FDA approved food hose designed for suction and delivery of fatty foods such as milk, edible oil, dairy products etc.

Temperature Range:

-20°C to +70°C

PART NUMBER	ID	OD	WP		BP		Length MT
	mm	mm	PSI	BAR	PSI	BAR	
M07-015	12.7	24	150	10	450	30	20, 60
M07-020	19.1	32	150	10	450	30	20, 60
M07-025	25.4	38	150	10	450	30	20, 60
M07-032	31.8	46	150	10	450	30	20, 60
M07-038	38.1	52	150	10	450	30	20, 60
M07-050	50.8	66	150	10	450	30	20, 60
M07-065	63.5	80	150	10	450	30	20, 60
M07-075	76.2	93	150	10	450	30	20, 60
M07-100	101.6	120	150	10	450	30	20, 60

RUBBER HOSE

M11 TRUCK HOT AIR BLOWER SUCTION & DISCHARGE 10BAR (150PSI) - SF 3.1



Construction

Core

Synthetic rubber blend to withstand high temperature blower air.

Reinforcement

high tensile synthetic yarn with wire helix.

Cover

Black colour, synthetic rubber resistant to ozone, weather and abrasion.

Application

For hot dry oil less air feeding to bunker trucks for suction & discharge of bulk material like dry cement, Fly ash, quarry dust, sand etc, in construction industry.

Temperature Range:

Continuous: -30°C to +180°C

Code	Hose I.D.		Hose O.D.		WP		BP		Vacuum	W	MBR
Part #	(In)	(mm)	(In)	(mm)	(psi)	(Bar)	(psi)	(Bar)	(Bar)	Kg/m	(mm)
M11-075	3	76.0	3.62	92.0	150	10	435	30	0.9	2.80	350

RUBBER HOSE

M37 ABRASIVE BULK MATERIAL DISCHARGE 10BAR (150PSI) - SF 3.1



Construction

Core

Black colour, synthetic & natural rubber blend resistant to abrasion.

Reinforcement

High tensile synthetic textile cord and two cross anti static copper wire.

Cover

Black colour, synthetic rubber resistant to ozone, weather and abrasion.

Application

For discharge of bulk material Dry cement, Gravel, Sand etc., in construction industry.

Temperature Range:

Continuous: -30°C to +75°C

Code	Dash	Hose I.D.		Hose O.D.		WP		BP		W	MBR
Part #		(In)	(mm)	(In)	(mm)	(psi)	(Bar)	(psi)	(Bar)	Kg/m	(mm)
M37-100		4	102.0	4.72	120.0	150	10	435	30	5.00	500

RUBBER HOSE

M39 ABRASIVE BULK MATERIAL SUCTION AND DISCHARGE 20BAR (300PSI) - SF 3.1



Construction

Inner tube

Black colour, Synthetic and natural rubber blend resistant to abrasion.

Reinforcement

Plies of synthetic textile cords with steel helix and two cross antistatic copper wires.

Cover

Black colour, Synthetic rubber resistant to ozone, weather and abrasion.

Application

For suction and discharge of bulk material Dry Cement, Gravel, Sand in Construction Industry.

Temperature Range:

Continuous: -30°C to +70°C

Item Code	Dash Size	ID		OD		WP		BP		V	W
		inch	mm	inch	mm	psi	bar	psi	bar		
M39-075	-48	3	76.0	3.82	97.0	300	20	870	30	0.9	3.80
M39-100	-64	4	102.0	4.88	124.0	300	20	870	30	0.9	5.80
M39-150	-96	6	152.0	6.85	174.0	300	20	870	30	0.9	9.20

RUBBER HOSE

H06 STEAM WIRE BRAID SUCTION & DISCHARGE 18BAR (260PSI) - + 230°C

 **HENDERFLEX** >>> **H06** >>> **STEAM WIRE BRAID SUCTION & DISCHARGE** >>> **18 BAR (260 PSI)**

Construction

Inner tube

Black colour, EPDM rubber resistant to high temperature steam.

Reinforcement

Double steel wire braids.

Cover

Red Colour, EPDM rubber resistant to heat and weather.
Black colour option available on request.

Application

High temperature steam Lines at constant pressure of 290 psi.

Temperature Range:

Continuous: Up to +230°C Steam

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	
H06-012	-8	12	½	12.5	0.91	23.0	260	18	2610	180	5.9	150	0.589
H06-020	-12	19	¾	19.0	1.18	30.0	260	18	2610	180	9.1	230	0.846
H06-025	-16	25	1	25.4	1.45	36.8	260	18	2610	180	11.8	300	1.095
H06-032	-20	32	1¼	31.5	1.71	43.5	260	18	2610	180	14.8	375	1.505
H06-038	-24	38	1½	38.0	1.95	49.5	260	18	2610	180	17.9	455	1.780
H06-050	-32	51	2	51.0	2.52	64.0	260	18	2610	180	23.4	600	2.261

RUBBER HOSE

R-18 STATIC DISSIPATING VACUUM TRUCK HOSE



CODE	ID		NOM. OD (mm)	MAX WP (psi)	BEND RADIUS (mm)	VACUUM HG (mm)	WEIGHT (kg/m)	ROLL LENGTH (m)
	(in)	(mm)						
B51-050	2"	50	59.6	40	2.5	29.8	0.74	30
B51-065	2½"	63	74.1	35	2.5	29.8	1.3	30
B51-075	3"	76	88.9	35	3	29.8	1.63	30
B51-100	4"	101	117.6	30	4.5	29.8	2.63	30
B51-125	5"	127	143	30	5	28	3.67	30
B51-150	6"	152	170.9	30	9.2	28	4.7	30
B51-200	8"	203	229.6	30	15	27	8.4	30

Application:

- Excellent in handling abrasive materials.
- Suction hose for Vacuum truck handling abrasives.
- Handling sands, rocks, grains, cement powders, iron chips, and other abrasive materials.

Construction Tube:

- SBR blended tube with outstanding abrasion resistance.
- Static dissipative carbon black rubber tube.
- Very flexible, and has better heat and cold resistance.

Temperature Range:

-40°C to 60°C

Branding:

Not branded.