

## Industrial Hose

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# Material Handling Hose



BMS

## BULKMASTER DISCHARGE

### Application:

For discharge of dry bulk products including chalk, china clay, limestone, ground silica, fullers earth, dry cement, sodium sulphate, lime and fertilizer.

### Construction:

Tube - Black abrasion resistant natural rubber  
 Reinforcement - Spiraled layers of high tensile synthetic cord  
 Cover - Black abrasion and weather resistant synthetic rubber  
 Branding - Green Stripe "Bulkmaster Discharge"

### Temperature Range:

-35°C to +82°C (-31°F to +180°F)

### Standard Lengths:

100ft cut to multiples of 5ft

Parts No.	I.D. Inches	O.D. Inches	Tube Gauge Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
BMS-3	3	3.70	3/16	80	1.87
BMS-4-.125	4	4.54	1/8	75	2.02
BMS-4-.188	4	4.54	3/16	75	2.20
BMS-4-.25	4	4.72	1/4	75	2.76
BMS-4-.313	4	4.69	5/16	75	2.90
BMS-4.5	4-1/2	5.22	1/4	75	2.97



BH

## BULKMASTER HARDWALL

### Application:

For suction and discharge of dry bulk products including chalk, china clay, limestone, ground silica, fullers earth, dry cement, sodium sulphate, lime and fertilizer. Suitable for full vacuum.

### Construction:

Tube - Black abrasion resistant natural rubber  
 Reinforcement - A high tensile steel helix embedded between textile cords.  
 Cover - Black abrasion and weather resistant synthetic rubber with white stripe  
 Branding - Green Stripe "Bulkmaster Suction"

### Temperature Range:

-35°C to +82°C (-31°F to +180°F)

### Standard Lengths:

100ft cut to multiples of 5ft

Parts No.	I.D. Inches	O.D. Inches	Bend Radius Inches	Tube Gauge Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
BH-4-.188	4	4.80	35	3/16	75	3.85
BH-4-.25	4	4.94	35	1/4	75	4.41
BH-4-.313	4	5.08	35	5/16	75	4.96

# Material Handling Hose



SB

## BLAST MAXX

### Application:

For conducting sand, steel shot and other abrasives for blast cleaning.

### Construction:

Tube - 1/4" black static conductive abrasion resistant natural rubber

Reinforcement - Two layers of synthetic textile cords

Cover - Black natural / EPDM blended rubber

Branding - Red Stripe "BLAST MAXX SANDBLAST HOSE 150 P.S.I."

### Temperature Range:

-35°C to +82°C (-31°F to +180°F)

### Standard Lengths:

50ft / 100ft

Parts No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
SB-.5-1.063	1/2	1.063	150	0.47
SB-.5-1.125	1/2	1.125	150	0.49
SB-.75-1.5	3/4	1.500	150	0.72
SB-1	1	1.875	150	1.06
SB-1.25-1.875	1-1/4	1.875	150	1.11
SB-1.25-2.156	1-1/4	2.156	150	1.25
SB-1.5	1-1/2	2.375	150	1.43
SB-2	2	2.875	150	1.69
SB-2.5	2-1/2	3.425	150	2.37
SB-3	3	4.000	150	3.09



CP

## CONCRETE PLACEMENT

### Application:

For conducting plaster, grout, wet cement and concrete at high pressure

### Construction:

Tube - Black abrasion resistant natural rubber

Reinforcement - Layers of high tensile synthetic cords

Cover - Black abrasion resistant synthetic rubber

Branding - White Stripe

### Temperature Range:

-35°C to +82°C (-31°F to +180°F)

### Standard Lengths:

50ft / 100ft

Parts No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
CP-1.5	1-1/2	2.25	800	1.19
CP-2	2	2.76	800	1.29
CP-3	3	4.00	800	2.54
CP-4	4	5.12	600	3.85

# Material Handling Hose



G

## GUNITE

### Application:

For conducting dry sand and cement in guniting operations. Also for general material handling applications where a thick cut and abrasion resistant tube is required.

### Construction:

Tube - Tan natural rubber for maximum cut and abrasion resistance 1/4" thick  
Reinforcement - Two layers of synthetic textile cords with static wire  
Cover - Black abrasion and weather resistant synthetic rubber  
Branding - Unbranded

### Temperature Range:

-35°C to +82°C (-31°F to +180°F)

### Standard Lengths:

50ft / 100ft

Parts No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
G-1.25	1-1/4	2.09	150	1.16
G-1.5	1-1/2	2.33	150	1.33
G-1.625	1-5/8	2.46	150	1.43
G-2	2	2.88	150	1.78
G-3	3	3.86	150	2.67



HOT

## HOT AIR BLOWER

### Application:

For conveying hot air to tanks on dry bulk material trucks

### Construction:

Tube - Black heat resistant EPDM rubber specially compounded for continuous use at 177°C (350°F)  
Reinforcement - A high tensile wire helix embedded between plies of heat resistant synthetic fabric  
Cover - Black heat & weather resistant EPDM rubber  
Branding - Unbranded

### Temperature Range:

-35°C to +177°C (-31°F to +350°F)

### Standard Lengths:

100ft cut to multiples of 10ft

Parts No.	I.D. Inches	O.D. Inches	Bend Radius Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
HOT-3	3	3.46	21	100	1.58
HOT-4	4	4.68	28	100	2.44

# Material Handling Hose



TB

## BULK MAXX

### Application:

For transfer of dry non-oily abrasive materials such as sand, limestone, plastic pellets, sugar, corn etc. Suitable for full vacuum.

### Construction:

Tube - Tan natural rubber smooth abrasion resistant, 3/16" thick (FDA approved)  
 Reinforcement - A high tensile steel helix embedded between textile cords  
 Cover - Tan natural rubber corrugated for flexibility, non marking  
 Branding - Blue Stripe "BULK MAXX TAN BULK MATERIAL"

### Temperature Range:

-35°C to +82°C (-31°F to +180°F)

### Standard Lengths:

2" to 4"                      100ft multiples of 5ft  
 5" to 6"                      60ft multiples of 5ft

Parts No.	I.D. Inches	O.D. Inches	Bend Radius Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
TB-2	2	2.64	10	75	1.68
TB-2.5	2-1/2	3.11	14	75	2.24
TB-3	3	3.66	16	75	2.74
TB-4	4	4.69	22	75	3.56
TB-5	5	5.71	32	75	4.56
TB-6	6	6.73	37	75	5.40

## INDUSTRIAL VACUUM - WITH PURE GUM TUBE

### Application:

A rugged flexible heavy duty vacuum cleaning hose designed for demanding industrial use.

### Construction:

Tube - Tan abrasion resistant Pure Gum  
 Reinforcement - Two high tensile steel wire helices and spirals of synthetic yarn  
 Cover - Black corrugated abrasion resistant SBR Rubber  
 Branding - Unbranded

### Temperature Range:

-35°C to +82°C (-31°F to +180°F)

### Standard Lengths:

1" - 4"                      100ft cut to multiples of 10ft  
 5" & 6"                      60ft cut to multiples of 10ft  
 8"                              40ft cut to multiples of 10ft



IV

Parts No.	I.D. Inches	O.D. Inches	Bend Radius Inches	Tube Gauge Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
IV-1	1	1.25	6	3/64	200	0.33
IV-1.25	1-1/4	1.50	8	3/64	200	0.45
IV-1.5	1-1/2	1.75	9	3/64	180	0.53
IV-2	2	2.32	12	3/64	140	0.81
IV-2.5	2-1/2	2.80	15	3/64	110	1.00
IV-3	3	3.31	18	3/64	90	1.27
IV-4	4	4.41	24	3/64	70	2.05
IV-5	5	5.39	30	3/64	80	2.91
IV-6	6	6.46	36	3/64	70	4.81
IV-8	8	8.45	46	3/64	50	6.90

# Material Handling Hose



CMC

## CORRUGATED MATERIAL CONDUCTING

### Application:

Designed for abrasive suction and discharge service. Utilizes split flanged couplings, which can be installed without special tools, allows hose to be purchased in long lengths and cut as required. The reusable coupling allows full flow of material and permits the hose to be easily rotated for even wear.

### Construction:

Tube - Highly abrasion resistant red pure gum  
 Reinforcement - Synthetic fabric reinforcement and wire helix  
 Cover - Black abrasion resistant synthetic rubber corrugated to help flexibility and match internal corrugations of external split flanged coupling  
 Branding - Red Stripe "CMC MAXX"

### Temperature Range:

-40°C to +71°C (-40°F to +160°F)

### Standard Lengths:

2" Any length up to 100ft  
 3"- 8" Any length up to 60ft  
 10" & 12" Any length up to 40ft

Parts No.	I.D. Inches	O.D. Inches	Tube Inches	Bend Radius Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
CMC-2	2	3.00	1/4	12	150	1.94
CMC-2.5	2-1/2	3.48	1/4	15	150	2.82
CMC-3	3	4.50	1/4	18	150	3.19
CMC-4	4	5.30	1/4	40	150	5.18
CMC-5	5	6.46	1/4	50	150	6.30
CMC-6	6	7.50	5/16	60	150	10.42
CMC-8	8	9.50	5/16	80	75	13.44
CMC-10	10	11.50	5/16	100	75	20.90
CMC-12	12	13.75	5/16	120	75	24.79



180AR

## 180AR ABRASION RESISTANT RUBBER SUCTION

### Application:

Suction and discharge of dry materials such as sand, crushed rock, cement etc... Suitable for full vacuum.

### Construction:

Tube - Black abrasion resistant, static conducting synthetic rubber  
 Reinforcement - Rigid black PVC helix  
 Cover - Corrugated black rubber  
 Branding - Unbranded

### Temperature Range:

-40°C to +60°C (-40°F to +140°F)

### Standard Lengths:

100ft cut to multiples of 5ft

Parts No.	I.D. Inches	O.D. Inches	Vacuum Rating In Hg	Max W.P. PSI	Bend Radius Inches	Approx. Wt. Per. Ft. Lbs.
180AR-1.5	1-1/2	1.82	29.8	45	2.0	0.31
180AR-2	2	2.35	29.8	40	2.5	0.50
180AR-2.5	2-1/2	2.87	29.8	35	2.5	0.88
180AR-3	3	3.50	29.8	35	3.0	1.10
180AR-4	4	4.63	29.8	30	4.5	1.77
180AR-5	5	5.63	28.0	30	5.0	2.47
180AR-6	6	6.73	28.0	30	9.2	3.08
180AR-8	8	9.04	27.0	30	15.0	5.65

# Material Handling Hose

# Material Handling Hose

## TIGERFLEX UREFLEX-1 MATERIAL HANDLING HOSE

### Application:

Ureflex-1 is designed for abrasive applications such as grain handling, sand/shot recovery lines, roof rock cleaning and various other material handling applications. It is formulated out of static-dissipative HMW PVC which also provides sub-zero flexibility.

### Construction:

Tube- Smooth black polyurethane  
Reinforcement- White PVC Helix  
Cover- Convoluted black HMW PVC for low temp flexibility

### Temperature Range:

-40°C to +65°C (-40°F to +150°F)

### Standard Lengths:

1-1/4" to 6"- 100ft & 50ft no cutting  
8"- 50ft & 20ft no cutting

UREFLEX

Parts No.	I.D. Inches	O.D. Inches	Vaccum Rating (In. Hg) 68F	Bend Radius Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
UREFLEX-1.25	1-1/4	1.53	FULL	2	50	0.22
UREFLEX-1.5	1-1/2	1.85	FULL	2	50	0.42
UREFLEX-2	2	2.40	FULL	3	40	0.59
UREFLEX-2.5	2-1/2	3.07	FULL	3	40	0.80
UREFLEX-3	3	3.64	FULL	4	40	1.18
UREFLEX-3.5	3-1/2	4.21	FULL	5	35	1.48
UREFLEX-4	4	4.76	FULL	6	35	1.95
UREFLEX-5	5	5.75	28	10	35	2.42
UREFLEX-6	6	6.81	28	12	30	3.50
UREFLEX-8	8	9.18	28	18	30	5.91

\* Other sizes available on request

## TIGERFLEX UBK MATERIAL HANDLING HOSE

### Application:

UBK is designed for abrasive applications such as sand/shot recovery lines, roof rock cleaning and various other abrasive material transfer. It is formulated out of HMW PVC which provides sub-zero flexibility. UBK is also formulated out of static-dissipative compounds.

### Construction:

Tube- Smooth black polyurethane  
Reinforcement- Exposed black PVC helix allows hose to slide easily  
Cover- Convoluted black HMW PVC for low temp flexibility

### Temperature Range:

-40°C to +65°C (-40°F to +150°F)

### Standard Lengths:

2" to 6"- 100ft & 50ft no cutting  
8"- 50ft & 20ft no cutting

TIGER-UBK

Parts No.	I.D. Inches	O.D. Inches	Vaccum Rating (In. Hg) 68F	Bend Radius Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
TIGER-UBK-2	2	2.40	FULL	2	40	0.59
TIGER-UBK-4	4	4.76	FULL	6	35	1.37
TIGER-UBK-6	6	6.81	28	12	30	3.10
TIGER-UBK-8	8	9.02	28	15	30	4.51

\* Other sizes available on request

# Material Handling Hose



TIGER-GT

## TIGERFLEX GT BLOWER HOSE

### Application:

GT blower hose is designed for dust collection, fume removal, air vent lines and other vapour removal applications.

### Construction:

Tube- Smooth clear PVC

Reinforcement- Exposed grey PVC helix allows for extreme flexibility

Cover- Smooth clear PVC allows visual confirmation that material is flowing

### Temperature Range:

-20°C to +65°C (-4°F to +150°F)

### Standard Lengths:

1-1/2" to 6" - 100ft & 50ft no cutting

Parts No.	I.D. Inches	O.D. Inches	Vaccum Rating (In. Hg) 68F	Bend Radius Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
TIGER-GT-1.5	1-1/2	1.82	22	1	20	0.23
TIGER-GT-2	2	2.39	21	2	15	0.30
TIGER-GT-2.5	2-1/2	2.89	19	2	10	0.39
TIGER-GT-3	3	3.46	18	3	10	0.50
TIGER-GT-4	4	4.50	13	3	8	0.77
TIGER-GT-5	5	5.50	10	5	7	0.91
TIGER-GT-6	6	6.54	7	6	6	1.08

\* Other sizes available on request



TR

## TIGERFLEX TR1 MATERIAL HANDING HOSE

### Application:

Specially engineered rubber blend which gives the ideal combination of light weight, flexibility and superior long-lasting durability. Applications include abrasive material transfer, sand/shot recovery lines, roof rock cleaning, grain handling, fly ash collecting and industrial vacuum equipment.

### Construction:

Tube- Specially engineered rubber blend. Smooth bore

Reinforcement- Rigid PVC helix

Cover- Specially engineered rubber blend. Corrugated cover

### Temperature Range:

-40°C to +65°C (-40°F to +150°F)

### Standard Lengths:

2" to 4" - 50ft & 100ft no cutting

6" - 20ft, 50ft & 100ft no cutting

Parts No.	I.D. Inches	O.D. Inches	Vaccum Rating (In. Hg) 68F	Bend Radius Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
TR-2	2	2.38	FULL	1.5	32	0.50
TR-3	3	3.56	FULL	2.5	28	1.00
TR-4	4	4.67	FULL	4.5	26	1.17
TR-5	5	5.73	28	5	21	2.38
TR-6	6	6.88	28	9.5	19	3.20



# Material Handling Hose



180BL

## 180BL ABRASION RESISTANCE RUBBER SUCTION

### Application:

Designed for suction and blowing of lightweight abrasives such as rock-wool, fiberglass, sawdust, grain, insulation and cement dust.

### Construction:

Tube- SBR rubber blended with static carbon black. Smooth bore  
 Reinforcement- Rigid PVC helix  
 Cover- SBR Rubber blended with static carbon black. Corrugated cover

### Temperature Range:

-40°C to +60°C (-40°F to +140°F)

### Standard Lengths:

2-1/2" - 100ft no cutting  
 3" to 6" - 100ft/50ft no cutting

Parts No.	I.D. Inches	O.D. Inches	Vacuum Rating (In. Hg) 68F	Bend Radius Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
180BL-2.5	2-1/2	2.91	25	2.5	18	0.71
180BL-3	3	3.44	23	3	13	0.92
180BL-4	4	4.53	20	4	10	1.50
180BL-5	5	5.63	15	5	8	1.68
180BL-6	6	6.67	15	9	8	2.40



620WD

## KANAFLEX 620WD BLOWER HOSE

### Application:

General ducting and blower applications. For use with lightweight abrasives such as sawdust, grass clippings, street refuse and cotton pickers.

### Construction:

Tube- Smooth EPDM  
 Reinforcement- Metal wire helix  
 Cover- Slightly corrugated EPDM Rubber

### Temperature Range:

-40°C to +104°C (-40°F to +220°F)

### Standard Lengths:

2-1/2" to 10ft - 50ft no cutting  
 12" - 25ft no cutting

Parts No.	I.D. Inches	O.D. Inches	Vacuum Rating (In. Hg) 68F	Bend Radius Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
620WD-2.5	2-1/2	3.00	12	3	12	0.44
620WD-4	4	4.39	9	4	9	0.73
620WD-6	6	6.36	6	6	6	1.04
620WD-8	8	8.35	4	8	4	1.38
620WD-10	10	10.45	3	10	3	2.40
620WD-12	12	12.40	3	12	3	2.50