

# Material Handling Hose



## Novaflex 5000 Slurry King Hose Pure Gum Liner



Tough, versatile alternative to inflexible, cumbersome steel tubing. The easy handling and reusable quick-fastening flange system make installation a snap. Absorbs system vibration and saves wear on equipment. Compensates for thermal expansion and contraction, reduces noise.

Flexible connection for hard piping misalignment. Can be cut on site for immediate installation. No welding necessary. Available with many inner tube compounds to meet specific material handling needs.

### Construction:

Tube: Black abrasion, red abrasion, black natural or pure gum

Reinforcement: Fabric and helix wire

Cover: Ozone and ultra violet resistant.

Temperature Range: -40°F to +150°F (depending on compound)

Length: 60 ft. Available in a variety of tube gauges ranging from: 1/8", 3/16", 1/4", 5/16", 3/8", 1/2"

Part No.	I.D.	O.D.	LINING THICKNESS (in)	MBR (in)	MAX PROD LENGTH (ft)	WP psi	WT LBS/ FT
5000PG-02000-00	2	3.00	3/16	12	100	150	2.0
5000PG-03000-00	3	4.50	3/8	14	100	150	4.0
5000PG-04000-00	4	5.25	3/8	20	100	150	5.4
5000PG-05000-00	5	6.45	3/8	26	60	150	8.0
5000PG-06000-00	6	7.50	3/8	30	60	150	9.4
5000PG-08000-00	8	9.50	3/8	69	40	150	12.1
5000PG-10000-00	10	11.50	3/8	79	40	150	14.8
5000PG-12000-00	12	13.75	3/8	99	40	150	18.8
5000PG-14000-00	14	16.00	3/8	119	40	150	26.0

### Flanges Available

## Novaflex 5000\* Slurry King Hose Red Abrasion Liner



\*Available with a variety of tube compounds including, black abrasion, red abrasion, black natural and pure gum for abrasion, oil, heat and corrosion resistance depending on applications.

Part No.	I.D.	O.D.	LINING THICKNESS (in)	MBR (in)	MAX PROD LENGTH (ft)	WP psi	WT LBS/ FT
5000RA-02000-00	2	3.00	3/16	12	100	150	2.0
5000RA-03000-00	3	4.50	3/8	14	100	150	4.0
5000RA-04000-00	4	5.25	3/8	20	100	150	5.4
5000RA-05000-00	5	6.45	3/8	26	60	150	8.0
5000RA-06000-00	6	7.50	3/8	30	60	150	9.4
5000RA-08000-00	8	9.50	3/8	69	40	150	12.1
5000RA-10000-00	10	11.50	3/8	79	40	150	14.8
5000RA-12000-00	12	13.75	3/8	99	40	150	18.8
5000RA-14000-00	14	16.00	3/8	119	40	150	26.0

### Flanges Available

## Novaflex 5020 Industrial Vacuum Hose



Designed for light duty commercial vacuum cleaners used in foundries, factories and similar applications where a flexible and lightweight construction is preferred.

### Construction:

Tube: 1/16" abrasion resistant

Reinforcement: Fabric with helix wire

Cover: Black corrugated

Length 50 ft.

Ends: Plain. (Also available with cuffs.)

Temperature Range: -40°F to +160°F (Depending on compound)

Part No.	I.D.	O.D.	Plies	MBR (in)	WT LBS/ FT
5020-01000-00	1	1.38	1	3"	0.4
5020-01225-00	1¼	1.63	1	4"	0.4
5020-01500-00	1½	1.88	1	5"	0.5
5020-02000-00	2	2.38	1	8"	0.7
5020-02500-00	2½	2.88	1	8"	0.8
5020-03000-00	3	3.38	1	9"	0.9
5020-04000-00	4	4.38	1	12"	1.9

# Material Handling Hose



## Novaflex 5164 Tan Gum Tubing



Wrapped finish, mandrel made tan gum tubing designed for a variety of industrial, construction and chemical applications.

**Construction:**

Tube: Tan gum  
Length 50 ft  
Temperature Range: -40°F to +140°F  
Durometer: 42 duro  
Available in EPDM, SBR, Nitrile and Neoprene.  
A large variety of diameters available ranging from 1 1/4" to 24" upon request.

I.D.	3/16"	1/4"	3/8"	1/2"
	19	25	38	50
1 1/4	5164-01225-19	5164-01225-25	5164-01225-38	5164-01225-50
1 1/2	5164-01500-19	5164-01500-25	5164-01500-38	5164-01500-50
2	5164-02000-19	5164-02000-25	5164-02000-38	5164-02000-50
3	5164-03000-19	5164-03000-25	5164-03000-38	5164-03000-50
4	5164-04000-19	5164-04000-25	5164-04000-38	5164-04000-50
6	5164-06000-19	5164-06000-25	5164-06000-38	5164-06000-50
8	5164-08000-19	5164-08000-25	5164-08000-38	5164-08000-50
10	5164-10000-19	5164-10000-25	5164-10000-38	5164-10000-50
12	5164-12000-19	5164-12000-25	5164-12000-38	5164-12000-50
18*	5164-18000-19-306	5164-18000-25-306	5164-18000-38-306	5164-18000-50-306
20*	5164-20000-19-300	5164-20000-25-300	5164-20000-38-300	5164-20000-50-300
24*	5164-24000-19-300	5164-24000-25-300	5164-24000-38-300	5164-24000-50-300

*\*25ft. lengths, all other I.D's - 50ft lengths standard.  
Cut lengths add 10% (5ft increments)*

## Novaflex 5015 Material Handling Hose 1/8" Gum Tube



Lightweight material handling hose designed for portable and central industrial vacuum equipment. The 1/8" abrasion resistant tube is ideal for conveying light materials by gravity flow or at low working pressures. (Ground using helix wire to make static conductive.)

**Construction:**

Tube: 1/8" Tan gum  
Reinforcement: Plies of fabric with helix wire  
Cover: SBR Black Corrugated  
Length: 50 ft. Ends: Plain or soft cuffs  
Temperature Range: -40°F to +140°F

Part No.	I.D.	O.D.	MBR (in)	VAC (Hg)	WT LBS/FT
5015-02500-00	2 1/2	3.13	5"	29"	1.1
5015-03000-00	3	3.63	8"	29"	1.4
5015-04000-00	4	4.63	11"	29"	2.0
5015-06000-00	6	6.63	18"	29"	3.0
5015-08000-00	8	8.63	24"	17"	5.3
5015-10000-00	10	10.63	30"	9"	7.0
5015-12000-00	12	12.63	36"	9"	9.0

## Novaflex 5016 Material Handling Hose 1/4" Gum Tube



Heavy duty material handling hose designed for portable and central industrial vacuum equipment as well as truck mount applications. The 1/4" abrasion resistant tube is designed to resist cutting, tearing and wear from abrasive media. The heavy helix wire is designed to resist kinking and crushing as well as handle full vacuum. (Ground using helix wire to make static conductive.)

**Construction:**

Tube: 1/4" tan gum  
Reinforcement: Plies of fabric with helix wire.  
Cover: SBR Black Corrugated  
Length: 50 ft. Ends: Plain or soft cuffs.  
Temperature Range: -40°F to +140°F

Part No.	I.D.	O.D.	MBR (in)	VAC (Hg)	WT LBS/FT
5016-02500-00	2 1/2	3.38	5"	29"	2.0
5016-03000-00	3	3.88	8"	29"	2.2
5016-04000-00	4	4.88	11"	29"	3.0
5016-06000-00	6	6.88	18"	29"	4.1
5016-08000-00	8	8.88	24"	17"	7.2
5016-10000-00	10	10.88	30"	9"	9.0
5016-12000-00	12	12.88	36"	9"	11.4

# Material Handling Hose



## Novaflex 5770/5771/5772 Bulk Material Discharge Hose



Abrasion resistant hose designed for transferring dry bulk material such as cement, sand, lime, fertilizers, etc. Static dissipating tube is designed to resist cutting and abrasion. Cover is abrasion, age and weather resistant.

### Construction:

Tube: Black abrasion resistant static conductive SBR

Reinforcement: Multiple plies of tire cord

Cover: Black synthetic rubber

Length: 100 ft.

Temperature Range: -10°F to 180°F

Part No.	Type	Tube Gauge	I.D.	O.D.	Plies	WP psi	WT LBS/FT
5770-04000-00	5770	1/8	4	4.45	2	100	1.57
5771-04000-00	5771	3/16	4	4.58	2	75	1.94
5772-04000-00	5772	¼	4	4.70	2	75	2.44
5772-05000-00	5772	¼	5	5.74	2	75	3.41
5772-06000-00	5772	¼	6	6.74	2	75	4.04

## Novaflex 5284 Elephant Trunk Hose



Designed for open end discharge and gravity flow of dry bulk materials and abrasives.

### Construction:

Tube: 1/8" Black static dissipating natural rubber.

Reinforcement: 2 plies fabric

Cover: Black SBR Black

Length: 50 ft standard. (Cut lengths available upon request)

Ends: Plain.

Temperature Range: -20°F to 160°F

Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
5284TG-04000-00	4	4.54	2	100	1.89
5284TG-06000-00	6	6.50	2	75	2.55
5284TG-06625-00	6 5/8	7.12	2	50	2.80
5284TG-08000-00	8	8.50	2	50	3.36
5284TG-08625-00	8 5/8	9.12	2	50	3.62
5284TG-10000-00	10	10.50	2	45	4.18
5284TG-10750-00	10¾	11.25	2	40	4.48
5284TG-12000-00	12	12.62	4	75	6.47
5284TG-12750-00	12¾	13.37	4	70	6.87
5284TG-14000-00	14	14.62	4	65	7.52

## Novaflex 5785 Concrete Pumping Hose



High pressure hose designed to handle the pumping of concrete, plaster or grout mixture. All purpose cover provides excellent flexibility and wear resistance to abrasive slurries.

### Construction:

Tube: Abrasion resistant static dissipating SBR

Reinforcement: 4 plies polyester tire cord

Cover: Black EPDM/SBR

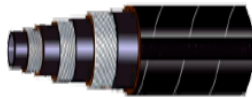
Length: 100 ft

Temperature Range: -20°F to 160°F

Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
5785-01000-00	1	1.83	4	800	0.75
5785-01125-00	1 1/4	1.93	4	800	0.80
5785-01500-00	1½	2.21	4	800	1.58
5785-02000-00	2	2.81	4	800	1.58
5785-02500-00	2½	3.36	6	500	1.95
5785-03000-00	3	4.00	6	500	2.90
5785-04000-00	4	5.27	6	400	3.95

# Material Handling Hose

## Novaflex 5331 Dredge Sleeves/Sand Discharge Hose



A specially compounded abrasive resistant and static conductive tube. This hose is manufactured to very close O.D. tolerances.

### Construction:

Tube: Black abrasion resistant synthetic rubber

Reinforcement: Polyester tire cord

Cover: Black abrasion and weather resistant synthetic rubber

Length: 20 ft.

Temperature Range: up to 180°F

Part No.	I.D.	O.D.	Tube Gauge	Plies	WP psi	WT LBS/FT
5331BS-04500-00	4½	5.73	3/8	4	150	5.45
5331BS-06000-00	6	7.25	3/8	4	150	7.51
5331BS-06625-00	6 5/8	8.07	3/8	6	150	9.26
5331BS-08625-00	8 5/8	10.19	3/8	8	150	12.97
5331BS-10750-00	10¾	12.50	1/2	8	150	17.83
5331BS-12775-00	12¾	14.55	1/2	8	150	22.80
5331BS-14000-00	14	16.04	1/2	12	150	27.21
5331BS-16000-00	16	18.04	1/2	12	150	30.82

## Novaflex 5332 Sand Suction Hose



A specially compounded abrasive resistant and static conductive tube. This hose is manufactured to very close O.D. tolerances.

### Construction:

Tube: Black abrasion resistant synthetic static conductive rubber

Reinforcement: Polyester tire cord with helix wire

Cover: Smooth black abrasion and weather resistant synthetic rubber

Length: 20 ft.

Temperature Range: up to 180°F

Part No.	I.D.	O.D.	Tube Gauge	Plies	WP psi	WT LBS/FT
5332BS-04000-00	4	5.54	3/8	4	150	6.75
5332BS-04500-00	4½	5.95	3/8	4	150	7.46
5332BS-06000-00	6	7.57	3/8	4	100	11.37
5332BS-06625-00	6 5/8	8.20	3/8	4	100	12.41
5332BS-08000-00	8	9.64	3/8	6	100	15.86
5332BS-08625-00	8 5/8	10.32	3/8	6	100	16.87
5332BS-10000-00	10	12.06	1/2	6	100	25.42
5332BS-10750-00	10¾	12.86	1/2	6	100	22.06
5332BS-12000-00	12	14.11	1/2	6	100	30.55
5332BS-12750-00	12¾	14.86	1/2	6	100	32.29
5332BS-14000-00	14	16.37	1/2	8	100	42.66

## Novaflex 5328 Plaster Hose



A flexible, easy to handle, long lasting, high pressure hose specially designed for use with cement, plaster and gypsum. The cover is ozone and weather resistant and the rubber tube is abrasion resistant. Good for jetting applications.

### Construction:

Tube: Black abrasion resistant synthetic rubber

Reinforcement: Plies of polyester tire cord

Cover: Brown abrasion and weather resistant synthetic rubber

Length: 100 ft

Temperature Range: -Up to 180°F

Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
5328BS-01250-00	1¼	1.84	4	600	0.97
5328BS-01500-00	1½	2.09	4	600	1.10
5328BS-02000-00	2	2.72	6	600	1.80
5328BS-02500-00	2½	3.22	6	600	2.18
5328BS-03000-00	3	3.77	6	500	2.74

## Novaflex 5900 Heavy Duty Sandblast Hose



Heavy duty (4 ply) abrasion resistant sand and shot blast hose that will accept higher working pressures and the most severe applications.

### Construction:

Tube: Black abrasion resistant synthetic rubber

Reinforcement: Plies of polyester tire cord

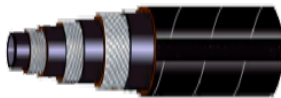
Cover: Black abrasion and weather resistant synthetic rubber

Length: 100 ft

Temperature Range: -20°F to 180°F

Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
5900BG-01000-00	1	1.89	4	250	1.15
5900BG-01250-00	1 ¼	2.14	4	250	1.35
5900BG-01500-00	1 ½	2.39	4	250	1.54
5900BG-02000-00	2	2.89	4	250	1.95
5900BG-02500-00	2 ½	3.40	4	250	2.39
5900BG-03000-00	3	3.90	4	150	2.78
5900BG-04000-00	4	5.26	4	150	5.43

## Novaflex 5300 Premium Sandblast Hose



Designed with an extra thick, extremely abrasion resistant tube to extend life in sandblasting service. Flexible and kink resistant to reduce operator fatigue and further extend wear of the hose. The best quality sandblast hose on the market today.

### Construction:

Tube: Black abrasion resistant synthetic rubber

Reinforcement: Plies of polyester tire cord

Cover: Black abrasion and weather resistant synthetic rubber

Length: 100 ft

Temperature Range: -20°F to 180°F

Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
5300BS-00500-00	½	1.14	2	150	0.51
5300BS-00750-00	¾	1.52	2	150	0.74
5300BS-01000-00	1	1.88	2	150	1.09
5300BS-01250-00	1 ¼	2.13	2	150	1.28
5300BS-01500-00	1 ½	2.38	2	150	1.47
5300BS-02000-00	2	2.83	2	150	1.74

## Novaflex 5786BG Sand, Cement Gunite Hose



For conveying dry cement and sand, under pressure, to be mixed with water at the gun nozzle. Recommended for all types of gunning applications.

### Construction:

Tube: 1/4" tan pure gum for maximum resistance to abrasion.

Reinforcement: 4 plies polyester tire cord with static wire.

Cover: Tan cover compound for resistance to aging, weather and abrasion.

Length: 100 ft

Temperature range: -20°F to 160°F

Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
5786TG-01000-00	1	1.79	2	200	1.09
5786TG-01250-00	1 ¼	2.04	2	200	1.28
5786TG-01500-00	1 ½	2.29	2	200	1.47
5786TG-02000-00	2	2.80	2	200	1.74

### Novaflex AF Liner

A low pressure hose, designed to be extremely lightweight, but offer high flexibility

and abrasion resistance in vacuum and discharge applications



**Construction:**

Tube: 1/8" ultra high abrasion resistant red natural rubber

Reinforcement: Multiple plies of fabric with steel helix

Cover: Rubberized fabric

Temperature range: -30°F to +140°F

Part No.	I.D.	WP	MBR	VAC	WT LBS/FT
3MBAF2RA02	2	30	10	29"	0.95
3MBAF2RA02.08	2 1/2	30	13	29"	1.13
3MBAF2RA03	3	30	15	29"	1.40
3MBAF2RA04	4	25	20	28"	1.98
3MBAF2RA05	5	20	25	26"	2.40
3MBAF2RA06	6	16	30	23"	2.85
3MBAF2RA07	7	14	35	18"	3.30
3MBAF2RA08	8	12	40	12"	3.75
3MBAF2RA10	10	10	50	8"	5.15
3MBAF2RA12	12	8	60	5"	6.15