

HOSE

Series 4470

Bulk Material Handling Hose



For suction, discharge or gravity flow of abrasives from manufacturing, sandblast recovery, mineral processing power plants and spill recovery.

TUBE: 1/4" pure gum rubber, tan color

REINFORCEMENT: Synthetic fabric with wire helix and static wire

COVER: EPDM, fabric impression, corrugated, black

TEMPERATURE RANGE: -40°F to +180°F

FEATURES: Highly abrasion resistant 1/4" gum tube. Weather and ozone resistant. Static wire, when properly grounded, dissipates static electricity

VACUUM RATING: All sizes 28 in. Hg



Heavy Duty

I.D.		O.D.		Rein. Plies	Max W.P.		Weight		Min. Bend Radius	
in.	mm.	in.	mm.		PSI	BAR	lb./ft.	KG/m	in.	mm
1-1/2	38.10	2.10	53.34	2	75	5.17	1.11	1.65	4.00	101.60
2	50.80	2.60	66.04	2	75	5.17	1.30	1.93	12.00	304.80
2-1/2	63.50	3.11	78.99	2	75	5.17	1.65	2.46	17.00	431.80
3	76.20	3.66	92.96	2	75	5.17	2.25	3.35	18.00	457.20
4	101.60	4.69	119.13	2	75	5.17	2.93	4.36	24.00	609.60
5	127.00	5.70	144.78	2	75	5.17	3.83	5.70	33.00	832.20
6	152.40	6.73	170.94	2	75	5.17	5.00	7.44	40.00	1016.00
8	203.20	9.13	231.90	2	60	4.14	10.05	14.96	32.00	812.80

You may also need:

- End Fittings and Clamps
- Quick Connect Couplings
- Pipe, Couplings, Elbows
- Box Probes
- Railcar Unload Systems
- Blowers
- Pneumatic Receivers

FOR MORE INFORMATION OR TO PLACE AN ORDER CONTACT IAC TODAY

PB104007

4800 Lamar Avenue / Mission, KS 66202 / USA 800.334.7431

www.iac-intl.com

HOSE

Series 4460

Food Grade Material Handling Hose



For suction, pneumatic or gravity transfer of flour, sugar, syrup or edible grains (not for acetics).

TUBE: White Natural Rubber (NR), 3/16" thick, FDA Grade

REINFORCEMENT: Multiple plies with steel wire helix

COVER: Natural rubber, corrugated, gray color

TEMPERATURE RANGE: -40°F to +150°F

FEATURES: Heavy abrasion resistant tube.



Heavy Duty

I.D.		O.D.		Max W.P.	Weight	Bend
in.	mm.	in.	mm.	PSI	Per/Ft.	Radius (in.)
1-1/2	38.0	2.17	55.0	150	1.39	5
2	51.0	2.66	67.0	150	1.80	6
2-1/2	63.0	3.15	80.0	125	2.20	8
3	76.0	3.72	94.5	100	2.67	10
3-1/2	90.0	4.21	107.0	100	3.11	12
4	102.0	4.72	120.0	75	3.51	20
4-1/2	114.0	5.27	134.0	70	3.94	22
5	127.0	5.71	145.0	60	4.20	24
6	152.0	6.77	172.0	50	6.90	26
6	152.0	6.77	172.0	50	6.90	26
6-1/2	166.0	7.32	186.0	50	7.20	28
6-5/8	168.0	7.52	191.0	35	7.70	29
8	203.0	8.78	223.0	30	9.36	32
8-5/8	219.0	9.33	237.0	25	10.25	36
10	254.0	10.83	275.0	20	14.20	44
12	305.0	12.83	326.0	20	16.25	60
14	355.0	14.76	375.0	15	19.38	72

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HOSE

Series 49HW

Hot Air Blower Hose



Recommended for: With its EPDM tube and cover, Hot Air Blower hose is the ideal choice for conveying hot air up to 350°F from a blower or compressor to a storage tank used in the transfer of dry bulk commodities. It can also be used for transferring mild chemicals at ambient temperatures.

Temperature range:

For hot air service, -40°F to +350°F (-40°C to +177°C).

For mild chemical service, -40°F to +125°F (-40°C to +52°C).

For chemicals above 125°F (+52°C) or suitability for use with a specific chemical, contact IAC.



Tube: Type P (EPDM). Black.

Reinforcement: Synthetic, high tensile textile with steel wire helix.

Cover: Type P (EPDM). Black with yellow spiral stripe.

You may also need:

- End Fittings and Clamps
- Quick Connect Couplings
- Pipe, Couplings, Elbows
- Box Probes
- Railcar Unload Systems
- Blowers
- Pneumatic Receivers

Nom. I.D. (In.)	(mm)	Nom. O.D. (In.)	(mm)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)
1 1/2	38.1	2.08	52.8	130	30	8.0	0.89
2	50.8	2.58	65.5	125	30	9.0	1.13
2 1/2	63.5	3.08	78.2	110	30	14.0	1.43
3	76.2	3.64	92.5	100	30	18.0	1.89
3 1/2	88.9	4.14	105.2	85	30	21.0	2.17
4	101.6	4.64	117.9	75	30	24.0	2.44
5	127.0	5.74	145.8	55	30	30.0	3.82
6	152.4	6.74	171.2	40	30	36.0	4.52

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