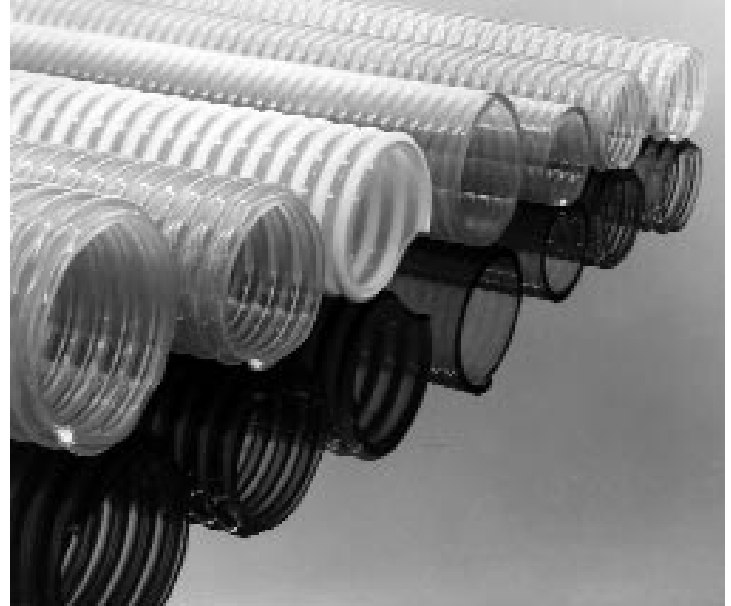


# PVC Flexible Hose



Advanced Bulk and Conveying, Inc., offers material handling hoses to meet a wide variety of bulk conveying system requirements. Flexible hose is suitable for both vacuum and pressure discharge service. Our hoses are ideal for conveying pellets, granular material and powdery substances. Flexible hose offers a fast, convenient method of finishing a pneumatic conveying system.



## Economical Food Grade PVC Material Transfer Hose

Our most popular material handling hose features a clear PVC tube with a mirror smooth bore to provide excellent material flow rates. A clear rigid external PVC helix reinforcement enables user to visually monitor flow of materials.

High density PVC materials are known for their ability to withstand abrasion. Hose construction provides good flexibility with light weight. Hose carries FDA "3A Dairy" rating/approval. Operating temperature range from 10°F to 150°F.

Item Code	I.D. Inch	O.D. Inch	Working Pressure (PSI)		Vacuum Rating (Inch HG)		Bend Radius (Inch)	Wt. Lbs./ (Ft.)	Std. Coil (Ft.)
			70°F	100°F	70°F	100°F			
MC100	1	1.24	60	40	29	22	1.5	.16	100
MC125	1-1/4	1.52	50	37.5	29	22	2.5	.23	100
MC150	1-1/2	1.79	50	37.5	29	22	3.2	.33	100
MC45M	45mm	2.05	40	30	29	22	3.2	.42	100
MC200	2	2.36	40	30	29	22	3.2	.49	100
MC250	2-1/2	2.93	35	26	29	22	4.5	.78	100
MC300	3	3.50	35	26	29	22	6.5	1.06	100
MC400	4	4.55	35	26	29	22	10.4	1.43	100
MC600	6	6.57	47	35	29	22	29.4	3.03	25

## Food Grade PVC Hose with Static Dissipating Ground Wire

This is the same durable light weight hose described above. The only difference is this hose contains an integral stranded copper wire to assure a positive ground where static build-up is a concern.

Item Code	I.D. Inch	O.D. Inch	Working Pressure (PSI)		Vacuum Rating (Inch HG)		Bend Radius (Inch)	Wt. Lbs./ (Ft.)	Std. Coil (Ft.)
			70°F	100°F	70°F	100°F			
MS100	1	1.24	60	40	29	22	1.5	.18	100
MS125	1-1/4	1.52	50	37.5	29	22	2.5	.25	100
MS150	1-1/2	1.79	50	37.5	29	22	3.2	.35	100
MS45M	45mm	2.05	40	30	29	22	3.2	.44	100
MS200	2	2.36	40	30	29	22	3.2	.51	100
MS250	2-1/2	2.93	35	26	29	22	4.5	.80	100
MS300	3	3.50	35	26	29	22	6.5	1.08	100
MS400	4	4.55	35	26	29	22	10.4	1.46	100
MS600	6	6.57	47	35	29	22	29.4	3.06	25

# PVC Flexible Hose (continued)



## Extended Performance Urethane

### Material Transfer Hose

Hose is made from a urethane formulation which will outlast PVC materials by at least three times when handling abrasive materials. Hose has an ultra-smooth bore to provide excellent material flow rates. Tube and cover of hose are transparent. A gray rigid PVC helix provides reinforcement. Urethane is an inert material which is unaffected by a variety of harsh substances.

Corrugated construction provides good flexibility and light weight making hose easy to use. Hose remains flexible at sub-zero temperatures from -30°F to 150°F.

Item Code	I.D. Inch	O.D. Inch	Working Pressure (PSI)		Vacuum Rating (Inch HG)		Bend Radius (Inch)	Wt. Lbs./ (Ft.)	Std. Coil (Ft.)
			70°F	100°F	70°F	100°F			
MT150	1-1/2	1.85	30	23	29	22	3.8	.31	100
MT45M	45mm	2.25	30	23	27	20	4.5	.47	100
MT200	2	2.50	25	19	25	19	5.5	.52	100
MT250	2-1/2	3.00	20	15	25	19	7.0	.75	100
MT300	3	3.60	20	15	20	15	8.0	.90	100
MT400	4	4.60	15	11	15	11	14.0	1.35	100
MT600	6	6.70	10	8	10	8	25.0	2.10	25
MT800	8	8.75	6	4.5	5	3	30.0	2.95	25

## Material Handling Hose For Severe Service

This hose is unmatched for durability and long-term abrasion resistance. Severe service hose is specifically designed for unloading pellets from rail cars, handling sand blast grit, the transfer of grain, and similar severe service applications.

Severe service hose is a blend of urethane, PVC and rubber that makes it flexible, light weight and easy to handle – even in the larger sizes. Compared to rubber and metal hoses, this hose offers a low-cost alternative. The outer black cover is static dissipating and ozone-resistant. Operating temperatures from -30°F to 150°F.

Item Code	I.D. Inch	O.D. Inch	Working Pressure (PSI)		Vacuum Rating (Inch HG)		Bend Radius (Inch)	Wt. Lbs./ (Ft.)	Std. Coil (Ft.)
			70°F	100°F	70°F	100°F			
MF150	1-1/2	1.78	45	36	29	22	3.2	.39	100
MF200	2	2.31	45	36	29	22	5.5	.65	100
MF300	3	3.43	40	35	29	22	7.5	1.31	100
MF400	4	4.52	40	35	29	22	11.0	1.70	100
MF500	5	5.60	40	35	29	22	15.0	2.60	100
MF600	6	6.57	40	35	29	22	20.0	3.21	25
MF800	8	8.85	30	23	26	20	30.0	5.60	25
MF1000	10	11.02	20	15	24	19	60.0	7.50	25