

## PVC GRIT HOSE

**Construction:** High quality pvc with rigid pvc helix

**Applications:**

The pvc grit hose is used in shipbuilding, industrial & construction industries, it can be used for granule and powder material transfer, for suction and discharge of sand, gravel, cement etc.

**Characteristic:**

- Abrasion resistant
- Rigid spiral helix reinforcement
- Specially formulated compound to resist cold & hot weather

**Temperature:** -10°C (-50 °F) to 65°C (+150 °F)



Item code	Nominal Size		I.D. mm	O.D. mm	Wall Thickness mm	R mm	VACUUM mmHg(68°F)	L m	Packing Size D*H(CM)	M <sup>3</sup> M <sup>3</sup> /roll
	mm	inch								
PGH038	38	1.1/2"	38.1±0.5	49.1±1.5	5.5	150	750	30	75*25	0.141
PGH050	50	2	50.8±1.0	62.8±1.5	6.0	160	750	30	85*25	0.181
PGH065	65	2.1/2"	63.5±1.0	76.5±1.5	6.5	180	750	30	110*22	0.266
PGH075	75	3	76.2±1.0	90.2±1.5	7.0	210	750	30	120*27	0.389
PGH100	100	4	101.6±1.5	121.6±2.0	10.0	270	750	30	150*35	0.788
PGH125	125	5	127.0±1.5	149.0±2.0	11.0	350	750	20	150*45	1.020
PGH152	150	6	152.4±1.5	178.4±2.0	13.0	420	750	20	160*55	1.408
PGH200	200	8	203.2±1.5	229.2±2.0	13.0	480	750	20	200*0.5	2.000

## HEAVY DUTY PU LINED MATERIAL HANDLING HOSE

**Construction:**

PVC cover with polyurethane liner and rigid PVC helix.

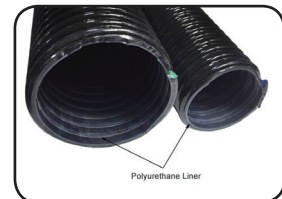
**General Applications:**

- Agricultural dry fertilizers
- Air seeder lines
- Fly ash collection
- Industrial vacuum equipment
- Material chutes
- Material handling – heavy duty abrasive
- Milling machine scrap recovery
- Rock, gravel, sand and crushed concrete vacuuming
- Shot blast recovery

**Features and Advantages:**

- **Thick Abrasion Resistant Polyurethane Liner** – Designed for dry applications where severe abrasion is a factor. Provides for longer hose life and lower operating costs versus rubber or PVC hoses.
- **“Cold-Flex” Materials** – Hose remains flexible in sub-zero temperatures.
- **Corrugated Outer Cover** – Provides increased hose flexibility.
- **Oil Resistant Polyurethane Liner** – Resists most animal and petroleum based oils.

**Temperature Range:** -10°C (-50 °F) to 65°C (+150 °F)



Item Code	I.D.		O.D.		W.P. psi	VACUUM mmHg	Min. Bending Radius at 68°F mm	L m	kg kg/m
	inch	mm	inch	mm					
PLMH-125	1-1/4"	31.8	1.53	39	50	750	50	30	0.06
PLMH-150	1-1/2"	38.1	1.85	47	50	750	50	30	0.12
PLMH-200	2"	50.8	2.4	61	40	750	76	30	0.17
PLMH-250	2-1/2"	63.5	3.07	78	40	750	76	30	0.24
PLMH-300	3"	76.2	3.64	92.5	40	750	101	30	0.35
PLMH-350	3-1/2"	88.9	4.21	107	35	750	126	30	0.45
PLMH-400	4"	101.6	4.76	120.9	35	750	152	30	0.59
PLMH-500	5"	127	5.75	146	35	750	253	30	0.73
PLMH-600	6"	152.4	6.81	173	30	750	304	30	1.06
PLMH-800	8"	203.2	9.18	233.2	30	750	457	12	1.8
PLMH-1000	10"	255	11.6	194.5	22	750	660	12	3.01