



Ureflex[™]

UF1[™] Series

Heavy Duty Polyurethane
Lined Material Handling Hose

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

Construction: PVC cover with polyurethane liner and rigid PVC helix.

Service Temperature Range:
-40°F (-40°C) to +150°F (+65°C)*

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.
- **Static Dissipative Cover** – Specially formulated to help prevent the build-up of static electricity for added safety and to help keep material flowing smoothly.
- **“Cold-Flex” Materials** – Hose remains flexible in sub-zero temperatures.
- **Convolutd Outer Cover** – Provides increased hose flexibility.
- **Oil Resistant Polyurethane Liner** – Resists most animal and petroleum based oils.
- **Phthalate Free**

Nominal Specifications											
Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
UF1-125	1-1/4	31.8	1.53	39.0	50	25	Full	28	2	100	0.22
UF1-150	1-1/2	38.1	1.85	47.0	50	25	Full	28	2	100/50	0.42
UF1-200	2	50.8	2.40	61.0	40	20	Full	28	3	100/50	0.59
UF1-250	2-1/2	63.5	3.07	78.0	40	20	Full	28	3	100/50	0.80
UF1-300	3	76.2	3.64	92.5	40	20	Full	28	4	100/50	1.18
UF1-350	3-1/2	88.9	4.21	107.0	35	18	Full	28	5	100/50	1.48
UF1-400	4	101.6	4.76	120.9	35	18	Full	28	6	100/50	1.95
UF1-500	5	127.0	5.75	146.0	35	18	28	25	10	100/50/20	2.42
UF1-600	6	152.4	6.81	173.0	30	15	28	25	12	100/50/20	3.50
UF1-800	8	203.2	9.18	233.2	30	15	28	25	18	50/20	5.91
UF1-1000	10	255.0	11.60	294.5	22	10	24	18	26	20/22	9.90

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

NOTE: For details of the following compliances, refer to footnotes listed on page 63.

*Actual service temperature range is application dependent.

PHthalate Free⁽¹⁰⁾, RoHS⁽¹¹⁾

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.