



## 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)\*

*\*Actual service temperature range is application dependent.*



#### 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 hose.
- **Charge Reducing 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 Cover Design** – Provides increased hose flexibility.
- **Oil Resistant Polyurethane Liner** – Resists most animal and petroleum based oils.

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	at 68°F	at 104°F	at 68°F	at 104°F	at 68°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

#### NOTES:

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

**CAUTION:** Hose is not to be used in combustible situations unless it has been determined by the end user the application is not sufficient to result in propagating brush discharge.

**COMPLIANCES** (for details see page 87)  
**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.