



UV1

UVE

# Urevac™

## UV1™ Series

Polyurethane Ducting/  
Material Handling Hose

## UVE™ Series

Polyurethane Ducting/  
Material Handling Hose With  
Grounding Wire

### General Applications:

- Concrete resurfacing
- Ducting, ventilation and fume removal
- Dust collection
- Insulation blowing
- Material chutes
- Material handling – standard duty

**Construction:** Ester polyurethane (TPU) tube with rigid PVC helix.

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



### Features and Advantages:

- **Durable Lightweight Polyurethane Tube** – Designed for dry applications where abrasion is a factor. Provides longer hose life and lower operating costs versus rubber or PVC hoses.
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.
- **Easy Slide Helix** – Rigid helix design protects hose tube from cover wear, and allows hose to slide easily over rough surfaces. Easy-to-handle.
- **“Cold-Flex” Materials** – Hose remains flexible in sub-zero temperatures.
- **Oil Resistant Polyurethane Tube** – Resists most animal and petroleum based oils.
- **Grounding Wire (UVE only)** – Multi-strand wire helps prevent the build-up of static electricity for added safety and to help keep material flowing smoothly. It’s embedded within the rigid helix to prevent contamination of transferred materials. ⚡

## 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		UV1	UVE	
UV1-150	1 1/2	38.1	1.82	46.2	20	7	22	14	0.75	50		0.23
UV1/UVE-200	2	50.8	2.39	60.7	15	6	21	12	1.5		100/50	0.32
UV1-250	2 1/2	63.5	2.89	73.4	10	5	19	10	1.5	50		0.39
UV1/UVE-300	3	76.2	3.46	87.9	10	5	18	10	2.5		100/50	0.58
UV1/UVE-400	4	101.6	4.50	114.3	8	4	13	8	3		100/50	0.77
UV1-500/UVE-500	5	127.0	5.50	139.7	7	3	10	7	4	50		0.89
UV1/UVE-600	6	152.4	6.54	166.1	6	3	7	5	5		100/50	1.15
UV1/UVE-800	8	203.2	8.59	218.2	4	2	5	3	7	50	50	1.75

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

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

⚡ **CAUTION:** Grounding wire is designed to help dissipate static charge when extracted and connected to ground. Hose is not to be used in combustible situations unless it has been determined by the end user the application if not sufficient to result in propagating brush discharge.

**PHthalate FREE<sup>(10)</sup>, RoHS<sup>(11)</sup>**

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