



WE™ Series

Food Grade PVC

Material Handling Hose

With Grounding Wire

General Applications:

- Food grade material handling – standard duty
- Material handling – standard duty
- Pharmaceutical product transfer
- Plastic processing equipment
- Pneumatic conveying equipment

Construction: PVC tube with rigid PVC helix and grounding wire.

Service Temperature Range:

-4°F (-20°C) to +150°F (+65°C)*



Features and Advantages:

- **Superior Product Design** – Tigerflex™ WE™ series hoses are an industry standard for pneumatic material handling, due to our specially engineered compound, innovative design and uncompromising quality control. Provides the ideal combination of light weight, flexibility and durability.
- **Food Grade Materials** – Hose complies with applicable FDA⁽⁰³⁾, 3-A⁽⁰¹⁾ and USDA⁽¹²⁾ requirements.
- **Grounding Wire** – 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.
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.
- **Convuluted Outer Cover** – Provides increased hose flexibility.

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			
WE100	1	25.4	1.30	33.0	55	30	28	28	2	100/50	0.21
WE125	1-1/4	32.0	1.65	42.0	50	25	28	28	2	100/60/50	0.33
WE150	1-1/2	38.1	1.93	49.0	50	25	28	28	3	100/60/50	0.43
WE200	2	50.8	2.48	63.0	40	20	28	24	4	100/60/50	0.58
WE225	2-1/4	57.2	2.80	71.0	40	20	28	24	4.5	100/60/50	0.65
WE250	2-1/2	63.5	3.07	76.5	40	20	28	24	5	100/60/50	0.89
WE300	3	76.2	3.64	91.5	40	20	28	24	6	100/60/50	1.25
WE350	3-1/2	88.9	4.27	108.5	35	18	28	24	8	100/60/50	1.55
WE400	4	101.6	4.72	120.0	35	18	24	20	10	100/60/50	1.93
WE500	5	127.0	5.74	146.0	30	15	24	20	16	60/50/20	2.40
WE600	6	152.4	6.81	175.5	30	15	24	20	18	60/50/20	3.70
WE800	8	204.8	9.06	230.0	20	10	20	18	36	20	5.62
WE45M	1.77	45.0	2.20	55.8	45	25	28	24	4	60	0.46
WE57M	2.24	57.0	2.76	70.0	40	20	28	24	4.5	60	0.64
WE60M	2.36	60.0	2.80	71.1	40	20	28	24	4.5	100/50	0.71

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.

BSE/TSE⁽⁰²⁾, FDA⁽⁰³⁾, PHTHALATE FREE⁽¹⁰⁾, RoHS⁽¹¹⁾, USDA⁽¹²⁾

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