



# WE™ Series

Food Grade, PVC Material Handling Hose with Grounding Wire

## GENERAL APPLICATIONS

- Food grade 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)\*

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

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## 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<sup>(03)</sup>, 3-A<sup>(01)</sup> and USDA<sup>(12)</sup> 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.
- **Convolutd Outer Cover** – Provides increased hose flexibility.

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		
WE100	1	25.4	1.30	33.0	55	30	28	28	2	200/100/50	0.21
WE125	1 1/4	32.0	1.65	42.0	50	25	28	28	2	200/100/60/50	0.33
WE150	1 1/2	38.1	1.93	49.0	50	25	28	28	3	200/100/60/50	0.43
WE200	2	50.8	2.48	63.0	40	20	28	24	4	200/100/60/50	0.58
WE225	2 1/4	57.2	2.80	71.0	40	20	28	24	4 1/2	200/100/60/50	0.65
WE250	2 1/2	63.5	3.07	76.5	40	20	28	24	5	200/100/60/50	0.89
WE300	3	76.2	3.64	91.5	40	20	28	24	6	200/100/60/50	1.25
WE350	3 1/2	88.9	4.27	108.5	35	18	28	24	8	200/100/60/50	1.55
WE400	4	101.6	4.72	120.0	35	18	24	20	10	200/100/60/50	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 1/2	60	0.64
WE60M	2.36	60.0	2.80	71.1	40	20	28	24	4 1/2	100/50	0.71

### NOTES:

- Service life may vary depending on operating conditions and type of material being conveyed.
- ⚡ **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 is not sufficient to result in propagating brush discharge.

## COMPLIANCES (for details see page 87)

**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.