





## Features and Advantages:

- Superior Product Design Tigerflex<sup>™</sup> WE<sup>™</sup> 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> requirements. Hose approved by USDA<sup>(12)</sup> for use in meat and poultry plants.

# WE<sup>™</sup> 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)\*

- 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.
- Convoluted Outer Cover Provides increased hose flexibility.
- Phthalate Free

### **Nominal Specifications** Min. Working Vacuum Bending Standard ID 0D Pressure (psi) Rating Hg (in) Series Length Weight Radius 68°F 104°F 68°F 104°F (in) (mm) (in) (mm)at 68°F (in) (lbs/ft) Number (ft) WE100 0.21 25.4 1.30 33.0 55 30 28 28 2 100/50 1 WE125 1 - 1/432.0 1.65 42.0 50 25 28 28 2 100/60/50 0.33 WE150 1 - 1/238.1 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 - 1/457.2 2.80 40 20 28 24 71.0 4.5 100/60/50 0.65 WE250 2 - 1/263.5 3.07 76.5 40 20 28 24 5 100/60/50 0.89 WE300 3 76.2 91.5 40 20 28 24 6 100/60/50 1.25 3.64 WE350 3-1/2 88.9 4.27 108.5 35 18 28 24 8 100/60/50 1.55 WE400 120.0 24 20 100/60/50 4 101.6 4.72 35 18 10 1.93 5 WE500 127.0 5.74 146.0 30 15 24 20 16 60/50/20 2.40 6 175.5 30 20 60/50/20 WE600 152.4 6.81 15 24 18 3.70 8 230.0 WE800 204.8 9.06 20 10 20 18 36 20 5.62 1.77 2.20 55.8 45 25 28 24 60 WE45M 45.0 4 0.46 WE57M 2.24 57.0 2.76 70.0 40 20 28 24 4.5 60 0.64 40 20 28 24 4.5 100/50 WE60M 2.36 60.0 2.80 71.1 0.71

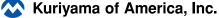
NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

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

\*Actual service temperature range is application dependent.

CAUTION: This product is designed to dissipate static electricity when the embedded grounding wire is physically extracted and securely connected to ground, through the fitting or by other means.

**BSE/TSE**<sup>(02)</sup>, **FDA**<sup>(03)</sup>, **PhTHALATE FREE**<sup>(10)</sup>, **RoHS**<sup>(11)</sup>, **USDA**<sup>(12)</sup> Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



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