



**The Local Exhaust
& Ventilation
Company Inc.**

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Specification

Product: MASTER-PUR L-EC

Application(s): Dangerous areas, where electrical conductivity is demanded
Special hose for industrial vacuum cleaners
Suction and transport of paper fibers and wood chips
Transport of granules
Suction and transport of abrasive materials, gaseous and liquid media
Extraction of coarse-grained particles with high flow volume
Oil-spray extraction
Protection hose against mechanical damage

Revision: July 12, 2002

Specification

1. Construction

- 1.1. **Spiral:** PU-coated spring steel wire
- 1.2. **Hose Wall:** Polyester polyurethane
- 1.3. **Wall Thickness between Spirals:** .0275"

2. Temperature Range:

- 2.1. -40°F up to +195°F
- 2.2. Intermittent to +260°F

3. **General Properties:**

- 3.1. **Surface resistance $R_0 \leq 10^4$ Ohm**
- 3.2. Electrically conductive
- 3.3. Abrasion-resistant
- 3.4. Very flexible, lightweight
- 3.5. Small bend radius
- 3.6. Resistant to oil and fuels
- 3.7. Gas-tight
- 3.8. Free of plastizisers and halogens
- 3.9. Good chemical resistance
- 3.10. UV- and ozone-resistant
- 3.11. Improved pressure and vacuum characteristics
- 3.12. High tensile and burst strength
- 3.13. Optimum flow characteristics

4. **Delivery Forms:**

- 4.1. Diameters: 2" – 16"
- 4.2. Colour: Black
- 4.3. Standard lengths: 25'

5. **Available on request:**

- 5.1. With overprint
- 5.2. Special colours
- 5.3. Special lengths