



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

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Specification

Product: MASTER-PUR SL

Application(s): Suction and transport hose for abrasive materials
Gaseous and liquid media
Suction of paper and textile fibres
Transport of small particled dusts and powders
Oil-spray extraction
Protection hose against mechanical pressure

Revision: July 11, 2002

Specification

1. Construction

- 1.1. **Spiral:** PU-coated spring steel wire
- 1.2. **Hose Wall:** Polyester polyurethane
- 1.3. **Wall Thickness between Spirals:** .02"

2. Temperature Range:

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

3. General Properties:

- 3.1. Reinforced by spring steel spiral

- 3.2. Extremely flexible
- 3.3. Small bend radius
- 3.4. High tensile and burst strength
- 3.5. Super lightweight
- 3.6. Highly abrasion-resistant
- 3.7. Kink-proof
- 3.8. Compressible down to 20%
- 3.9. Solvents, oil and fuels-resistant
- 3.10. Gas-tight
- 3.11. Free of plastizisers and halogens
- 3.12. UV- and ozone-resistant
- 3.13. Smooth inside, for optimum flow characteristics
- 3.14. Electrically conductive by grounding spiral

4. **Delivery Forms:**

- 4.1. Diameters: 2.4" – 16"
- 4.2. Colour: Clear
- 4.3. Standard lengths: 25'

5. **Available on request:**

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