



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

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Specification

Product: MASTER-CLIP ISO-CAR

Application(s): Hot air
Suction plants
Vehicle construction
Engine construction
Aircraft industries
Defense industries
General engineering
Diesel engine test beds with raised extraction speed
Low pressure applications

Revision: July 15, 2002

Specification

1. Construction

- 1.1. **Spiral:** galvanized steel
- 1.2. **Hose Wall:** two-layers, inner and outer layer special-coated high-temperature fabric

2. Temperature Range:

- 2.1. -75°F up to +570°F
- 2.2. Intermittent to +625°F

3. **General Properties:**

- 3.1. Primarily suited as suction hose
- 3.2. Very good temperature resistance
- 3.3. Flame resistant
- 3.4. High resistance to mechanical loadings
- 3.5. Vibration resistant
- 3.6. Abrasion resistant
- 3.7. Flexible
- 3.8. Compressibility 1:4
- 3.9. Small bend radius
- 3.10. Good vacuum characteristics
- 3.11. External steel helix protects against abrasion
- 3.12. Special clamping method guarantees high tensile strength between hose material and external helix

4. **Delivery Forms:**

- 4.1. Diameters: 2" – 36"
- 4.2. Colour: Inside-Silver/Grey; Outside-Green/Grey
- 4.3. Standard lengths: 10' and 25'

5. **Available on request:**

- 5.1. Special diameters
- 5.2. Special lengths
- 5.3. Custom design with other pitches and helix sizes
- 5.4. External helix also in stainless steel