



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

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Specification

Product: MASTER-CLIP HT 1200

Application(s): Vehicle and engine construction
Suction plants
Shipbuilding industries
Aircraft and defense industries
General engineering
Furnace construction
Iron and steel works
Infrared-dryer plants
Radiant heat protection
Low pressure applications
Exhaust-fume extraction from high performance test beds in the motor vehicle industries

Revision: July 15, 2002

Specification

1. Construction

- 1.1. **Spiral:** galvanized steel
- 1.2. **Hose Wall:** two-layer construction, inner and outer hose wall asbestos free high-temperature fabric, specially coated with heat-stabilizers, reinforced by woven in stainless steel wire

2. Temperature Range:

- 2.1. -75°F up to +1200°F
- 2.2. Intermittent to +1380°F

3. **General Properties:**

- 3.1. Very high temperature resistance
- 3.2. Flame resistant
- 3.3. Improved vibration resistance by woven-in reinforcement
- 3.4. Flexible, compressibility 1:3
- 3.5. Small bend radius
- 3.6. Good vacuum resistance
- 3.7. Silicone free
- 3.8. External steel helix protects against abrasion
- 3.9. Special clamping method guarantees high tensile strength between hose material and external helix

4. **Delivery Forms:**

- 4.1. Diameters: 2" – 36"
- 4.2. Colour: Red
- 4.3. Standard lengths: 20' and 25'

5. **Available on request:**

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