



Series 4000 High-Temperature Exhaust Extraction Hose

### TECHNICAL INFORMATION

In the interest of continuing product improvement, we reserve the right to change models, specifications, and/or features without prejudice.

PROJECT: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 ARCHITECT: \_\_\_\_\_  
 ENGINEER: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 DATE: \_\_\_\_\_ SALES ENGINEER: \_\_\_\_\_

www.monoxivent.com

info@monoxivent.com

309-794-1000

Page: HS-4

CONSTRUCTION: SILICONE/NOMEX

NOTE - The Series 4000 extraction hose is used for both overhead hose reels and conventional overhead systems.

Exhaust extraction hose is a double ply hose with an inner liner ply of woven fiberglass coated silicone rubber. A helically wound spring steel wire is imbedded between the inner liner ply and an exterior ply of woven Nomex coated with silicone rubber. The wire insures maximum flexibility and minimum diameter restrictions in sharp bend areas. The assembly is double wound with a treated Nomex cord and heat vulcanized to provide a greater strength and serviceability.

**1250-degree F**  
 Intermittent Exhaust Temperatures

**1000-degree F**  
 Interior Temperature,  
 per MIL PFR 62028

**600-degree F**  
 Continuous Duty, Baking Test

Standard Diameters	4"	5"	6"	8"	10"	12"	I/O
Fiberglass Inner Ply Thickness	.015	.015	.015	.015	.015	.015	Inches
Nomex Outer Ply Thickness	.025	.025	.025	.025	.025	.025	Inches
Wire Gauge	.060	.070	.080	.080	.080	.080	Inches
Wall Thickness	.100	.110	.120	.125	.125	.125	Inches
Helix Pitch	.750	.880	1.000	1.000	1.000	1.000	Inches
Weight Per Foot	8.260	10.520	12.880	17.390	22.400	23.000	Ounces
Bending Radius	2.08	2.52	3.00	4.00	6.00	8.40	Inches

- \* **Temperature Range: - 80 degrees F to 600 degrees F (Baking Test)**  
 This product meets Military Spec: MIL PFR 62028 - Paragraph 4.7.8, 72 Hours at 1000 degrees F.  
 This product has a temperature rating at 1250 degrees F for intermittent use.
- \* **Standard Lengths: 16', 20', 24' (Longer Lengths Available);**  
**Standard Diameters: 4", 5", 6", 8" Optional Diameters (10", 12")**

Series 4000 extraction hose meets the requirements of the United States Air Force for low temperature flexibility and high temperature stability.

NOTE - The above diameters and lengths of the 4000 series hose are listed as standard. Other diameters and lengths are also available. Please contact MONOXIVENT for your Request.



HOSE