

PRODUCT SPECIFICATION — CUSTOM DUCTING

HEATSTREAM™ DUCT



High-strength fabric ducting engineered for portable heating in high-pressure industrial applications — including fire-hazard locations. Manufactured with proprietary silicone-coated fiberglass and FR polyester fabrics, assembled with wire-helix reinforcement and a heavy-duty extruded wearstrip for exceptional durability under extreme conditions.

FTMS 191A / M5903-1

NFPA 701

NFPA 705

EN 533

OIL & GAS HAZARD RATED

12-36"

DIAMETER RANGE

25 ft

STANDARD LENGTH

-65 to 500 °F

OPERATING TEMP

CONSTRUCTION

Diameter Range	12" to 36" (305 mm to 914 mm)
Standard Diameter	16.5" (419 mm)
Standard Length	25 ft (7.6 m) — custom lengths available
Wire Pitch	9" pitch (23 cm)
Wearstrip	Heavy-duty extruded profile
Stitching	Lock-stitch sewn construction; accessory seams reinforced with fabric webbing
Colors (Ext / Int)	Yellow / Grey or Black / Red
End Finish	Extended double encased end rings (alternatives on request)
Cold-Weather Use	Compatible with limited dexterity / mittens during setup

FABRIC SPECIFICATION

DETAIL	TEST METHOD	FR POLYESTER	FIBERGLASS
Coating Type	—	Urethane Topcoat	Silicone Coating
Color (Face / Back)	—	Yellow / Yellow, Black / Black	Gray / Gray
Weight	ASTM D751	8.5 oz/yd ²	16.5 oz/yd ²
Base Construction	—	Standard Weave	Satin Weave
2" Strip Tensile (warp x fill)	ASTM D751-00	488 x 302 lbf	826 x 701 lbf
Grab Tensile (warp x fill)	ASTM D751-00	485 x 315 lbf	370 x 273 lbf
Trapezoid Tear (warp x fill)	ASTM D751-00	49 x 21 lbf	178 x 119 lbf
Puncture Resistance	ASTM D751-00	54 lbs	42 lbs
Taber Abrasion (H-18 / 500 g)	ASTM D3884	3,000 cycles	485 cycles
Flame Test	FTMS 191A / M5903-1	Pass — flame out ≤ 1 sec	Pass — flame out ≤ 1 sec