

## Product Specification

### JetFLEX™ Duct & JetFLEX™ Wye

<b>Description:</b>	JetFLEX™ Duct and Accessories are high strength fabric products made for portable heating in industrial applications. Using our reinforced flame resistant polyester textile with urethane topcoat and silicone coated fiberglass fabric, EPD manufactures JetFLEX™ duct and accessories by stitching fabric with wire helix reinforcement and heavy-duty abrasion resistant wearstrip. The construction provides exceptional durability and strength for extreme applications.
<b>Diameter Range:</b>	6" to 36" (152mm to 914mm).
<b>Standard Diameters:</b>	12", 16", 20", 24", 30" (305mm, 406, 508, 610, 762mm).
<b>Length:</b>	25ft (7.6M) – Custom lengths available upon request.
<b>Wire Pitch:</b>	8.5" pitch (22cm) / Custom pitch available upon request.
<b>Wearstrip:</b>	Heavy duty extruded profile.
<b>Fabric:</b>	Gray silicone coated fiberglass high-heat 30" (0.8M) long starter section and FR polyester textile with urethane topcoat (see fabric specification below).
<b>Stitching:</b>	Lock-stitch sewn construction. Seams for accessories are reinforced with additional fabric webbing.
<b>Color:</b>	Gray-Black with black wearstrip.
<b>Standard End Finish:</b>	Belt-cuff and HD End Ring / alternative options available upon request.
<b>Operating Temperature:</b>	-65°F to +375°F (-53°C to 190°C) / Starter section rated to 500°F (260°C) / Exceptional cold-weather flexing and compatible with limited dexterity related to mittens and inserts worn by persons setting up.
<b>Flame Resistance:</b>	Passes NFPA 701(small scale), EN533 and NFPA 705
<b>Optional Insulation Pkg:</b>	Standard: 0.10" (2.5mm) thick nonwoven needle-punch polyester thermal fleece. Premium: 0.25" (6.35mm) thick EPDM low temperature closed-cell insulation.
<b>Fabric Specification:</b>	

	TEST METHODS	RESULTS
<b>Coating Type</b>		Urethane Topcoat Cover
<b>Color – Face/Back</b>		Black/Black
<b>Weight – oz/yd<sup>2</sup></b>	ASTM D751	8.5
<b>Base Fabric Construction</b>		Standard Weave
<b>Type</b>		FR Polyester
<b>2" Strip Tensile – lbf (warp x fill)</b>	ASTM D751-00	488 x 302
<b>Grab Tensile – lbf (warp x fill)</b>	ASTM D751-00	488 x 315
<b>Trapezoid Tear – lbf</b>	ASTM D751-00	49 x 21
<b>Puncture Resistance – lbs</b>	ASTM D751-00	54
<b>Taber Abrasion Resistance (H-18/500g)</b>	ASTM D 3884	3000 Cycles
<b>Flame Test</b>	NFPA 701-1999 Test 1 EN533 / NFPA 705	Pass