



SPECIFICATION SHEET- CG50 Series Flexible Duct

- Construction:** Manufactured from neoprene coated polyester fabric. Incorporates a continuous spring steel wire helix meeting ASTM 227 specifications for support. This product series is produced in a 2-ply construction offering a continuous over/under lock construction method..
- Temperature:** -40 F to +250 F
- Wall Thickness:** .032" (+ / - .005")
- Compressibility:** 3 to 1
- Material Specs:** (Polyester)
- Weight:** 9 oz/sq yd (+ or - .5 oz sq/yd)
 - Tensil:** Warp-100 Fill-140 lbs Coated
 - Abrasion:** Cycles to fabric-100 / Cycles through fabric-500 (Taber Test- 1000 gram load)
 - Cloth:** 100% Polyester sheeting
 - Flame Resis:** 1) UL94-VO
2) MINS 540-106-1 (Mare Island Naval S.Y.)
3) California T-19
4) NFPA 701 Large Scale
- Wearstrip Specs:**
- Weight:** 18-22 oz/sq yd
 - Abrasion:** Fed Std 191 Method 5304 (exceeds)
 - Flame Resis:** UL94-VO

<u>I.D.</u>	<u>O.D.</u>	<u>Work Press.</u>	<u>Vacuum Rate</u>	<u>Bend Radius</u>	<u>Weight</u>
6"	6-3/8"	15 PSI (48 Burst)	15"HG	5.2"	1.17 LBS/FT
8"	8-3/8"	11 PSI	10"HG	6.3"	1.37 LBS/FT
10"	10-3/8"	10 PSI	5"HG	6.8"	1.68 LBS/FT
12"	12-1/2"	8 PSI	3"HG	9.4"	1.97 LBS/FT

Working Pressure & Vacuum Ratings are based at 70F ambient temp.
Bend Radius is rated on Centerline bend on full stock lengths.
Weight is based on per foot basis.