

PRODUCT SHEET:

RAMPTECH PREMIUM PCA LAYFLAT DUCTING



Above. And beyond.

There simply is no better PCA layflat ducting available on the market today. RAMPTECH® Premium PCA layflat ducting from Sage Parts features the finest engineering... assuring the highest level of performance for the most demanding positive pressure applications.

Heat-sealed (welded) design, high resistance to external abrasion and ultra-durable overall construction combine with flexibility to deliver everything you want in a top quality PCA layflat ducting product that meets UL94VTM-O standards. But that's not all. Unique spiral construction enables the addition of a military-spec scuff strip that protects the entire duct – reducing fatigue and resulting in incredibly long service life. Other vital advantages include an extended inner liner, and elastic seals at connection points to minimize air loss, as well as excellent UV stabilization, and mold and mildew inhibitors.



OUTER SHELL

The outer shell is comprised of VentaTex® 20XHDMW 3-ply, 20 ounce/ square yard (678 g/m²) high-strength PVC fabric and black wearstrip that meets military specifications. To improve abrasion resistance, nine millimeters of high-density molecular weight PVC is added to the external wear surface. The custom laminate is produced by compressing high strength, multi-denier, uni-directional Ripstop polyester yarns between PVC films. Finished material thickness is 0.029 inches (0.737 mm).

INSULATION LAYER

The middle layer consists of stitch-bonded polyester insulation similar to the high performance material found in cold weather clothing and camping products.

INNER LINER

The inner sleeve is made of VentaTex® 11-1812 high-strength material, and 11 ounce/square yard (373 g/m²), 3-ply PVC fabric. VentaTex® 11-1812 is specially designed to eliminate delamination, which is commonly found in other inner liners. It is constructed by compressing high tenacity, high density polyester yarn between PVC films. Finished material thickness is 0.017 inches (0.432 mm).



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SPECIFICATIONS: RAMPTECH PREMIUM LAYFLAT

TEMPERATURE	-20° to +180° F (-29° to +82° C)
DIAMETER	8 in, 12 in, and 14 in (203.2 mm, 304.8 mm, 355.6 mm) Other diameters available upon request
LENGTH	10 ft, 20 ft, 25 ft, 50 ft (3.04 m, 6.09 m, 7.62 m, 15.24 m) Custom lengths available upon request
WEARSTRIP	Heavy-Duty Military Specification, Abrasion Resistant
COLOR	Yellow with black wearstrip
OPTIONAL ENDS	Fold Over Velcro® Cuff, Soft Cuff, or Zipper Cuff

ACCESSORIES AVAILABLE

Reducers

Diameters of
12 to 8 inches
14 to 8 inches

Starter Sections

Diameters of
8, 12, and 14 inches
Lengths at
3, 5, and 8 feet
Custom available upon request

Elbows

Diameters of
8, 12, and 14 inches
Angles of 45 and 90 degrees

Transition Sections

Diameters of 12 and 14 inches
Cuff combinations are Zipper
to Velcro, Velcro to Zipper, Soft
Cuff to Velcro, and Soft Cuff to
Zipper

Reducing Elbows

14 to 8 inches at 90 degrees
14 to 8 inches at 45 degrees

Wye

8x8x8 inches
12x12x12 inches
of any cuff combination

Clamps

8 inch - Part Number 501197
12 inch - Part Number 501198
14 inch - Part Number 501199



Anticipating needs, meeting demands. Reducing costs.



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