

PCA Transition Hose

Insulsand™
Wire-Reinforced Ducting



APPLICATIONS

- Pre-Conditioned Air
- Air & Fume Supply
(Positive Pressure)
with Moderate Heat Content

FEATURES

- High strength outer layer and welded construction
- Flame resistant in accordance with UL94VTM-O
- Excellent UV stabilization and mold and mildew inhibitors for rigorous outdoor use

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. Manufactured by ABC Industries, Inc., the custom laminate is produced by compressing high strength, multi-denier, uni-directional RipStop polyester yarns between PVC films. Finished material thickness is .029 inches (.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 manufactured by ABC Industries, Inc. VentaTex® 11-1812 is specially designed to eliminate delamination commonly found in other inner liners. It is constructed by compressing high tenacity, high density polyester yarn between PVC films. Finished material thickness is .017 inches (.432 mm).

SPECIFICATIONS

Temperature	-20° to 180° F (-29° to 82° C)
Standard Pitch	4", 6"
Wire	Hard-Drawn Steel
Inside Diameter	As Specified
Length	As Specified
Color	Yellow
Wearstrip	Heavy-Duty Black (Military Spec)
Optional End Finishes	Foldover Velcro® Cuff, Soft Cuff, Zipper Cuff

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