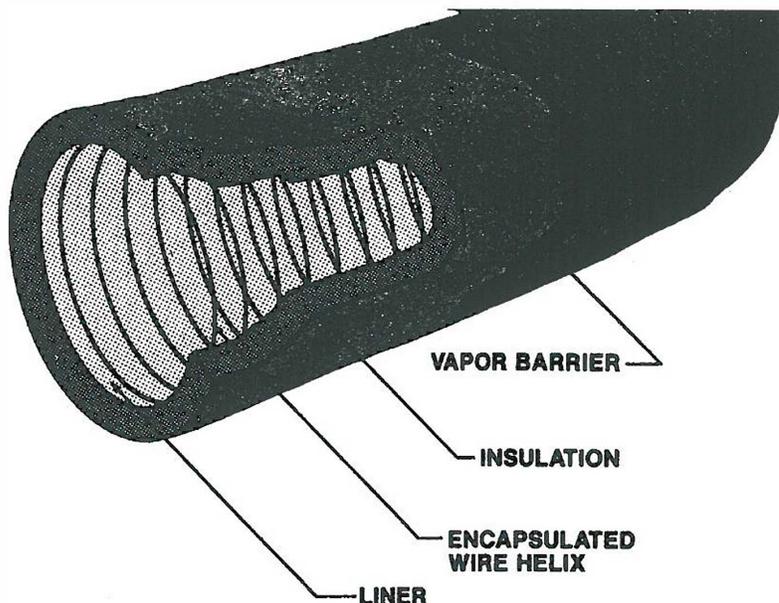




C. A. SCHROEDER INCORPORATED

1318 FIRST STREET, SAN FERNANDO, CA 91340-2804
(818) 365-9561 • (323) 875-2026 • FAX: (818) 365-4923



HP-25

HIGH PRESSURE FLEXIBLE DUCT

FULL LINER

The construction consists of 3 layers of Polyester film, 100% bonded together with a fire retardant adhesive. The spring steel wire helix is fully encapsulated between the film layers, thus providing a corrosion resistant, flame retardant tough interior liner.

TOUGH VAPOR BARRIER

Standard product is a puncture resistant, metalized mylar jacket which is a U.L. rated, Class 1 vapor barrier material.

EASY TO INSTALL

Lightweight flexibility – can be easily installed by one man. Eliminates need for sheet metal elbows and can be easily flexed to compensate for misaligned outlets.

CODE APPROVED

Meets all requirements of U.L. 181 and is listed as a Class 1 air duct in accordance with NFPA 90A and 90B. This versatile product is designed for high velocity commercial and industrial applications. Fire Hazard Classification – less than 25 flame, less than 50 smoke.

EXTRA THICK INSULATION

Insulated with a thick, heavy density fiberglass insulation. Available in R-4.2, R-6.0 and R-8.0.



HP-25

HIGH PRESSURE FLEXIBLE DUCT

TECHNICAL INFORMATION

INTERIOR LINER

The construction consists of 3 layers of Polyester film, 100% bonded together with a fire retardant adhesive. The spring steel wire helix has a heavy galvanized coating and is fully encapsulated between the film layers.

MAXIMUM AIR VELOCITY

Casco Flex has been tested at 10,000 FPM and is rated for continuous operation at 4,000 FPM.

WORKING AIR PRESSURE

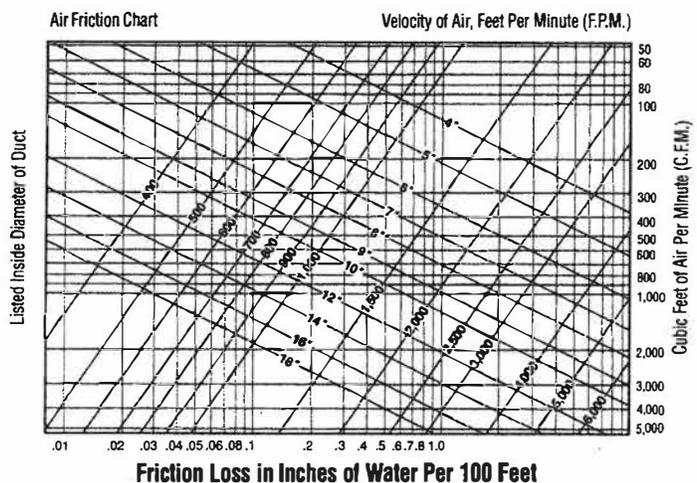
Positive pressure of 16" water gauge and 1" negative.

TEMPERATURE RANGE

Designed for continuous operation at temperatures from 20°F to 200°F

VAPOR BARRIER

Standard product is a puncture resistant, metalized mylar jacket which is a U.L. rated, Class 1 vapor barrier material.



HELIX

High Carbon Spring Steel Wire, fully encapsulated.

SIZES

Available in standard, 25 foot lengths in diameters of:
4" thru 10" (1" increments)
12" thru 20" (2" increments).

THERMAL EFFICIENCY

Standard product fully insulated

K Factor = .29

C Factor = .23

R Factor = 4.2

R Factor of 6.0 & 8.0 also available.