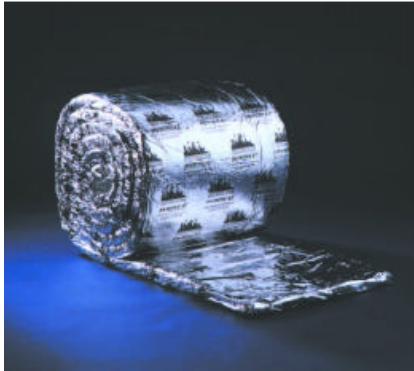


PYROSCAT[®] DUCT WRAP

Premier Solutions to Passive Fire Protection



PYROSCAT[®] DUCT WRAP is a flexible, lightweight fire barrier system designed to provide **one and two hour** rated fire protection and zero clearance to combustible protection in grease and air duct applications. PYROSCAT Duct Wrap has been tested at Underwriters Laboratories[®] and meets requirements of UL YYET Classification for Grease Duct Enclosures and ULC Grease and Ventilation Duct Insulation under files FRD-6 and FRD-7. UL YYET Classification requires that the system meet the following: 1) External full scale fire test for 1 and/or 2 Hr Fire Resistance Duct Enclosure and Through-Penetration per UL 263 (ASTM E-119)/UL 1479 (ATM E-814) with hose stream; 2) Minimum temperature rise standards during the 2000° F Abnormal Temperature Test per "UL Subject 1978 Proposed

First Edition of the Standard for Grease Ducts"; and 3) Surface Burning Characteristics per UL 723 (ASTM E-84) with FSI not over 25 and SDI not over 50.

Nominal Thickness: 1 ½"

Nominal Density: 6 lb/ft³

Pyroscat Duct Wrap is classified in two product types. Pyroscat **FP[®]** Duct Wrap incorporates fire protection grade ceramic fiber blanket manufactured from inorganic oxides to form a super strong, flexible, lightweight product that is inherently fire resistant. Pyroscat **CSM[®]** Duct Wrap is an Alkaline Earth Silicate (AES) product made from Calcia, Silica and Magnesia raw materials.

Pyroscat Duct Wrap materials are available in three grades - F0 (unfaced), F1 (foil facing one side) and F2E (totally encapsulated.) All Pyroscat products are manufactured in an ISO 9002 certified facility to close tolerances per UL[®] Follow-Up Procedures to ensure the highest quality finished products for fire critical applications.

When compared to other wrap systems, PYROSCAT Duct Wrap exhibits greater physical strength – plus in the case of the foil faced grades (F1/F2E) the aluminum foil/scrim is bonded directly to the fiber blanket. This gives installers a more rugged, easier to handle, and faster to install system. The three grades allow designers and installers to pick the most cost-effective combination to meet their needs. All grades of PYROSCAT Duct Wrap are totally Non-Combustible - with 0 Flame Spread and 0 Smoke Developed!

Pyroscat systems are listed in the CSI MasterFormat under Division 7 Thermal and Moisture Protection - FireStopping Section 07840 and can be found in Architects' First Source and CSI design publications ManuSpec and SpecData. Convenient submittal documents in PDF Format for Pyroscat passive fire protection systems can be easily downloaded from the Architects' First Source web-site; www.pyroscat.com, or obtained from our Pyroscat representatives.

Besides PYROSCAT Duct Wrap, Vesuvius offers PYROSCAT FastR Wrap, Pyroscat Plenum Blanket, Pyroscat Blanket and related products for a host of passive fire protection applications.



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**This document
supersedes all
previous revisions.**

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