



NYC Department of Buildings  
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## Report of Materials and Equipment Acceptance Division

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

### MEA 364-03-M Vol. 3

**Manufacturer:** Thermal Ceramics, P.O. Box 923, Augusta, GA 30903

**Trade Name(s):** Pyroscat FP Duct Wrap, Pyroscat CSM Duct Wrap

**Product:** Listed Fire Resistance Enclosure For Grease Duct, 2 Hours Rated

**Pertinent Code Section(s):** RS 13-3

**Prescribed Test(s):** RS 5-2 (ASTM E119); RS 5-19 (ASTM E 814, UL 1978)

**Laboratory:** Omega Point Laboratories, Inc. (OPL)

**Test Report(s):** OPL Project No. 15606-108288, Dated April 13, 2001 and OPL Project No. 15606-106080 (a) Dated January 27, 2000

**Description** – Pyroscat FP/CSM Duct Wrap is a single-layer flexible, non-combustible, fire barrier system for commercial grease ducts. Pyroscat Duct Wrap is 1-1/2 inches thick with density of 6 lb/ft<sup>3</sup> and is available one side foil-faced (F1), or fully encapsulated (F2-E). The blanket insulation is available in both FP (refractory ceramic fiber–RCF) and CSM (high temperature amorphous wool) fiber grades. Pyroscat Duct Wrap is used as an alternate one and two hour fire-rated gypsum enclosures, and provides reduced clearance to combustible protection.

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections letter dated December 12, 2003, F.P. Index #0310080A.

**Terms and Conditions:** The above two-hour fire-rated, Pyroscat FP Duct Wrap and Pyroscat CSM Duct Wrap blanket insulation on grease duct are accepted subject to the following conditions:

1. Installation, maintenance cleaning procedures and use shall comply with RS 13-3 of the Building Code and all applicable New York City codes, rules, regulations and maintenance requirements.
2. Grease ducts on which the blankets are applied to shall have all joints and seams welded and shall be constructed of at least 16-gauge sheet steel with maximum outside dimensions of 24 in. wide by maximum of 48 in. high.
3. The single layer 1-1/2" thick insulation shall be installed with reduced clearance to combustibles on one inch, not zero clearances.
4. A welded connection shall be used where the duct meets the kitchen hood. No sloppy connections or holes around the periphery at the intersection of hood and grease duct shall be allowed.
5. Grease duct shall be installed in an enclosed shaft where required by the Building Code.
6. Omega Point Laboratories" listing requirements and limitation shall be complied with.
7. Manufacturer's installation, maintenance procedures and limitations shall be complied with.
8. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided in Section 27-131 of the Building Code.

Final Acceptance July 21, 2006

Examined by Sam Dorkhede