

U. L. G-18 Revision

Grease Duct Insulation Overlap Requirements for Thermal Ceramics FireMaster FastWrap XL Blanket

The use of field applied flexible blankets for insulating grease ducts has become commonplace over the last twenty years. These products achieve “zero clearance to combustibles” when installed according to their laboratory listing. Since the adoption of the 2006 International Mechanical Code, which established ASTM E2336 as the new test standard, various brands of these products have differing listing requirements for overlapping the edges of the blanket sections, i. e. both longitudinal and circumferential joints, or only longitudinal, or only top layer, etc. Obviously, inspectors need to be aware of differing installation requirements of the various brands.

Recent testing by U. L. has resulted in a significant change in their G-18 listing for Thermal Ceramics FastWrap XL blanket. Overlaps are no longer required on either longitudinal or circumferential joints - on either top or bottom layer. All joints may be compressed butt joints with a minimum six inch offset between the top layer joints from the bottom layer joints. As in the past, stainless or mild steel banding is required 1 ½ inches from the edge of all circumferential joints and no more than twelve inches apart between edges. There are no requirements for taping of joints, but any cut edge which exposes the interior fibers must be sealed with aluminum foil tape.

Copies of the Thermal Ceramics installation requirements are available from their Area Representative, Tom Harlan. He can be reached by phone (410) 490-6137 or email tomharlan@atlanticbb.net. He is also available for presentations at local VPMIA chapter meetings.