



Fire Protection Products



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3M Fire Protection Products

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TITLE: 3M™ Fire Barrier Duct Wrap 615+ For UL 1978 Applications: Grease Duct and Chemical Fume Duct

SUMMARY: 3M™ Fire Barrier Duct Wrap 615+ can be used in lieu of 3M™ Fire Barrier Duct Wrap 15A in Intertek FRD Design Listings (formerly GD and CFD) which were based upon UL 1978 and ASTM E 119 testing.

BACKGROUND:

In the following Intertek (formerly Omega Point Laboratories) design listings, it is acceptable to substitute 1-layer of Duct Wrap 615+ for 1-layer of Duct Wrap 15A. This is based upon ASTM E 119 and UL 1978 (June 25, 2002) thermal transmission testing. The designs are as follows:

Duct Type	Testing	Intertek Design No.	(OPL)	Duct Size, in.	Duct Area, sq. in.	Duct Gauge
Grease	UL 1978 (June 25, 2002) E 119 Engulfment	3MU/FRD 120-06	GD 532 F	24 x 24	576	16
Grease	UL 1978 (June 25, 2002) E 119 Engulfment	3MU/FRD 120-07	GD 538 F	48 x 30	1440	16
Grease	UL 1978 (June 25, 2002) E 119 Engulfment	3MU/FRD 120-08	GD 548 F	26 dia	531	16
Grease	UL 1978 (June 25, 2002) E 119 Engulfment	3MU/FRD 120-09	GD 549 F	41 dia	1320	16
Chemical Fume	UL 1978 (June 25, 2002) E 119 Engulfment	3MU/FRD 120-10	CFD 500 F	48 x 30	1440	16
Chemical Fume	UL 1978 (June 25, 2002) E 119 Engulfment	3MU/FRD 120-11	CFD 501 F	41 dia	1320	16

Consult the local code for grease and chemical fume duct enclosure requirements. In jurisdictions where the mechanical code is based upon the 2006 or 2009 International Mechanical Code, ASTM E 2336 is now the required test standard for grease duct enclosures. See 3MU/FRD 120-18/-19 to satisfy these requirements.

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