

3M 615+ Fire Barrier Duct Wrap

Category : Other Engineering Material

Material Notes:

3M Fire Barrier Duct Wrap 615+ is a flexible fire-resistant wrap consisting of an inorganic fiber blanket encapsulated with a scrim-reinforced foil. The product is 1-1/2 in. thick, 6pcf density. It is used to fire rate commercial kitchen grease ducts as well as ventilation ducts. It is proven alternative to 1- or 2-hour fire-resistant rated shaft enclosures for grease ducts (ICC-ES ESR-1255). With its excellent insulating capabilities, low weight and thin profile, it is an ideal choice for a duct enclosure system. This non-asbestos wrap installs easily due to its high flexibility and strength. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-615-Fire-Barrier-Duct-Wrap.php

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0900 W/m-K	0.625 BTU-in/hr-ft ² -°F	
	@Temperature 260 °C	@Temperature 500 °F	
	0.170 W/m-K	1.18 BTU-in/hr-ft ² -°F	
	@Temperature 537 °C	@Temperature 999 °F	
	0.280 W/m-K	1.94 BTU-in/hr-ft ² -°F	
	@Temperature 815 °C	@Temperature 1500 °F	
	0.360 W/m-K	2.50 BTU-in/hr-ft ² -°F	
	@Temperature 982 °C	@Temperature 1800 °F	
	0.430 W/m-K	2.98 BTU-in/hr-ft ² -°F	
	@Temperature 1093 °C	@Temperature 1999 °F	
Shrinkage	1.20 %	1.20 %	Linear
	@Temperature 1000 °C, Time 86400 sec	@Temperature 1830 °F, Time 24.0 hour	

Descriptive Properties	Value	Comments
Appearance	Aluminum with Black Text	Scrim color
	White	Blanket color

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