

FAQ: FyreWrap® Applications

	Grease Duct	Air Duct	Dryer Duct	Plenum Protection
Applicable product:	FyreWrap Elite 1.5	FyreWrap Elite 1.5	FyreWrap DPS	FyreWrap Plenum
Fire rating provided:	2 hour	Up to 3 hours	1 hour	N/A (<25/50 flame/smoke)
Required layers:	Two	One – 2 hrs Two – 3 hrs	One	One
Thickness of system:	3"	1.5"	0.5"	0.5"
System R-value:	14.4 at 75F	7.2 at 75F (one layer)	2.0 at 75 F	2.0 at 75F
Density:	6 pcf	6 pcf	8 pcf	8 pcf
Installation method at seams:	Butted joints	3" overlaps	Butted joints	1" overlaps
How to mechanically secure the FyreWrap product:	Ducts <= 24" 1/2" banding (carbon or SS) or pins	Ducts <= 24" 1/2" banding (carbon or SS) or pins	Min. 18 gage steel tie wire or 1/2" steel banding	Min. 24 gage steel tie wire or 1/2" steel banding
	Ducts > 24" 1/2" banding and pins only on bottom of horizontal ducts.	Ducts > 24" 1/2" banding and pins on bottom of horizontal ducts and one side of vertical.	N/A	N/A
	N/A	Ducts >49" Pins on all sides	N/A	N/A
Bands or tie wire (where applicable) spacing requirements	1.5" from each side of butt joint, maximum 10.5" between the bands.	1.5" from edge centered on overlaps, maximum 10.5" between the bands.	1/2" from edges, maximum 12" on center.	1/2" from edge centered on overlaps, maximum 11.5" on center.
Approved firestop sealants:	STI, 3M, Hilti, Tremco	STI, 3M, Hilti, Tremco	STI, 3M, Hilti, Tremco	N/A
Dimensions of rolls:	<ul style="list-style-type: none"> • 24" x 25 LF • 48" x 25 LF 	<ul style="list-style-type: none"> • 24" x 25 LF • 48" x 25 LF 	<ul style="list-style-type: none"> • 16" x 25 LF (4" ducts) • 26" x 25 LF (7" ducts) <ul style="list-style-type: none"> • 24" x 25 LF • 48" x 25 LF 	<ul style="list-style-type: none"> • 24" x 25 LF • 48" x 25 LF

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