

ToughGard® Ultra*Round™ Spiral Duct Liner

CONTRACTOR NAME

JOB NAME

DATE

TECHNICAL DATA

TOUGHGARD® ULTRA*ROUND™ SPIRAL DUCT LINER PRODUCTS		
PROPERTIES	PERFORMANCE	TEST METHOD
Operating Limits: Temperature Air Velocity	Maximum: 250°F (121°C) 6,000 fpm (30.5m/s)	ASTM C411 ASTM C1071/UL 181
Surface Burning Characteristics Fire Hazard Classification	Maximum: Flame Spread Index: 25 Smoke Developed Index: 50	NFPA 255 UL 723 ASTM E84
Water Vapor Sorption	<3% by weight	ASTM C1104
Corrosiveness	Pass	ASTM C665
Fungi Resistance	Pass; No growth	ASTM C1338 & ASTM G21
Bacteria Resistance	No growth	ASTM G22
Limited Combustible	<3500 Btu/lb	NFPA 255
Fire Safety Standards	Pass	NFPA 90, NFPA 90B

Model Building Code: (ICC)

This Submittal Form is provided to assist you in specifying and selecting the proper CertainTeed insulation product. Basic product descriptions and performance data are included. For further information or technical assistance contact your local CertainTeed representative.

CertainTeed Corporation, P.O. Box 860, Valley Forge, PA 19482
1-800-233-8990

Visit our website at: <http://www.certainteed.com/insulation>
Customer Service 1-800-441-6720 • Fax 1-866-632-4329

Product	Description	Type	Thickness		R-Value		NRC	Applicable Standards
			in.	mm	R	RSI		
Ultra*Round™ Spiral Duct Liner	A high-quality acoustical and thermal insulation for lining the interior of spiral and round sheet metal ducts and plenums in HVAC systems operating at positive static air pressures, air velocities up to 6,000 fpm (30.5 m/s) and temperatures up to 250°F (121°C).	SD	1	25	4.3	0.76	0.75	Complies with UL 181 for Factory Made Air Ducts and Air Connectors, Class 1 Rigid. Thermal performance determined by ASTM C177 or ASTM C518. Acoustical performance determined by ASTM C423 using Type A mounting per ASTM E795.
		LD	1	25	4.3	0.76	0.75	
		SD	1½	38	6.5	1.15	0.90	
		LD	1½	38	6.5	1.15	0.90	
		SD	2	50	8.7	1.53	0.95	



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CertainTeed Corporation
P.O. Box 860
Valley Forge, PA 19482

Professional: 800-233-8990
Consumer: 800-782-8777

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