



## Submittal Form

# SoftTouch™ Duct Wrap Insulation

CONTRACTOR NAME

JOB NAME

DATE

Please check the appropriate products below:

- Unfaced SoftTouch™ Duct Wrap     White PSK Faced SoftTouch™ Duct Wrap  
 FSK Faced SoftTouch™ Duct Wrap     Gray PSK Faced SoftTouch™ Duct Wrap

## TECHNICAL DATA

SoftTouch™ Duct Wrap Physical Properties		
PROPERTIES	PERFORMANCE	TEST METHOD
Operating Limits: Temperature	Unfaced: 35-450°F (1.7-232°C) Faced: 35-250°F (1.7-121°C)	ASTM C411
Surface Burning Characteristics (Fire Hazard Classification)	Maximum: Flame Spread Index: 25 Smoke Developed Index: 50	NFPA 255 UL 723 ASTM E84 CAN/ULL-S102-M88 (Unfaced & FSK Faced)
Water Vapor Sorption	<5% by Weight	ASTM C1104
Water Vapor Transmission (Facing only)	FSK & White PSK: 0.02 Perms Gray PSK: 0.09 Perms	ASTM E96, Dessicant Method
Corrosiveness	Pass	ASTM C665
Fungi Resistance	Pass	ASTM C1338
Odor Emission	Pass	ASTM C1304
Noncombustible	Pass (Insulation Only)	ASTM E136

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	Product		K-Value		R-Value		Installed R-Value		
		Type	Thickness	Btu•in	W	h•ft <sup>2</sup> •°F	m <sup>2</sup> •°C	h•ft <sup>2</sup> •°F	m <sup>2</sup> •°C	
		in	mm	h•ft <sup>2</sup> •°F	m•°C	Btu	W	Btu	W	
SoftTouch™ Duct Wrap Insulation	A blanket-type insulation composed of glass fibers bonded together with a thermosetting resin. It is available unfaced or with FSK or PSK vapor retarder facing. On faced products, a 2" (51mm) stapling/taping tab is provided on one edge.	75	1	25	0.26	0.038	3.8	0.67	3.0	0.53
		75	1½	38	0.29	0.042	5.2	0.92	4.2	0.74
		75	2	51	0.29	0.042	6.9	1.22	5.7	1.00
		75	2½	54	0.29	0.042	7.3	1.29	6.0	1.06
		75	2¾	57	0.29	0.042	7.8	1.37	6.5	1.14
		75	2½	64	0.29	0.042	8.6	1.51	7.1	1.25
		75	3	76	0.31	0.045	9.6	1.69	8.0	1.41
		75	4	102	0.30	0.043	13.5	2.38	11.0	1.94
		100	1	25	0.26	0.038	3.8	0.67	3.0	0.53
		100	1½	38	0.26	0.038	5.7	1.00	4.5	0.79
		100	2	51	0.26	0.038	7.6	1.34	6.1	1.07
		150	1	25	0.24	0.035	4.1	0.72	3.2	0.56
		150	1½	38	0.24	0.035	6.2	1.09	4.8	0.85
		150	2	51	0.24	0.035	8.3	1.46	6.4	1.13

### Applicable Standards

Complies with:

- ASTM C1290
  - Type I – Unfaced
  - Type II – Gray PSK Faced
  - Type II – FSK Faced and White PSK Faced
- ASTM C553
  - Type I – Type 75, 100 and 150
  - Type II – Type 100 and 150
  - Type III – Type 150
- CAN/CGSB-51.11-92
- ASTM C1136
  - Type II – FSK Faced and White PSK Faced
  - Type IV – Gray PSK Faced
- Thermal performance determined by:
  - ASTM C177 and/or ASTM C518
- GREENGUARD Certification Standards:
  - Low-emitting products for the indoor environment.
  - Meets product emission standard under GREENGUARD Children & Schools.



### ASK ABOUT OUR OTHER CERTAINTeed PRODUCTS AND SYSTEMS:

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CertainTeed Corporation  
 P.O. Box 860  
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