



Submittal Sheet

CrimpWrap™ Crimped Pipe and Tank Wrap

CONTRACTOR NAME _____

JOB NAME _____

DATE _____

Please check the appropriate products below:

Foiled Faced

ASJ Faced

Thickness: _____ (inches)

TECHNICAL DATA

Standard CrimpWrap Physical Properties		
PROPERTIES	PERFORMANCE	TEST METHOD
Operating Limits: Temperature	850°F (454°C)	ASTM C411
Surface Burning Characteristics (Fire Hazard Classification)	Maximum: Flame Spread Index: ≤ 25 Smoke Developed Index: ≤ 50	ASTM E84
Water Vapor Sorption	<5% by Weight	ASTM C1104
Water Vapor Transmission (Facing only)	0.02 Perms	ASTM E96, Dessicant Method
Corrosion Resistance	Pass	ASTM C665
Fungi Resistance	Pass	ASTM C1338
Odor Emission	Pass	ASTM C1304

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.

Product Description

CrimpWrap This product is made from a continuous fiber glass blanket. It is a unique flexible insulation composed of a variably-oriented glass fibers firmly bonded together with a thermosetting resin. Products are available either foil-faced or with a white-faced (ASJ) vapor retarder facing.

Thickness Diameter		Minimum Nominal Pipe (black iron pipe)	
in.	mm	in.	mm
1	25	6	152
1½	38	8	203
2	51	10	254
2½	64	12	305
3	76	16	406
3½	89	18	457
4	102	20	508

THERMAL PERFORMANCE			
Mean Temperature		Apparent Thermal Conductivity Btu in/hr ft² °F (W/m²K)	
°F	°C	°F	°C
75	24	0.26	0.037
150	66	0.30	0.043
200	93	0.33	0.048
300	149	0.43	0.062
400	204	0.55	0.078
500	260	0.74	0.107

STRETCH-OUT LENGTHS																
Nominal Pipe Size	Pipe Outside Diameter		CrimpWrap Thickness													
			in./mm													
in.	in.	mm	1	25	1½	38	2	51	2½	64	3.00	76	3½	89	4.00	102
6	6.63	168	27½	689	—	—	—	—	—	—	—	—	—	—	—	—
8	8.63	219	33¾	848	36½	928	—	—	—	—	—	—	—	—	—	—
10	10.75	273	40	1017	43¼	1097	46¾	1177	—	—	—	—	—	—	—	—
12	12.75	324	46½	1177	49½	1257	52½	1337	55¾	1416	—	—	—	—	—	—
14	14	356	50¼	1277	53¾	1357	56½	1436	59¾	1516	—	—	—	—	—	—
16	16	406	56½	1436	59¾	1516	62¾	1596	66	1676	69½	1756	—	—	—	—
18	18	457	62¾	1596	66	1676	69½	1756	72¼	1835	75¾	1915	78½	1995	—	—
20	20	508	69½	1756	72¼	1835	75¾	1915	78½	1995	81½	2075	84¾	2155	88	2234
22	22	559	75¾	1915	78½	1995	81½	2075	84¾	2155	88	2234	91½	2314	94¼	2394
24	24	610	81½	2075	84¾	2155	88	2234	91½	2314	94¼	2394	97¾	2474	100½	2553
26	26	660	88	2234	91½	2314	94¼	2394	97¾	2474	100½	2553	103½	2633	106¾	2713
28	28	711	94¼	2394	97¾	2474	100½	2553	103½	2633	106¾	2713	110	2793	113½	2873
30	30	762	100½	2553	103½	2633	106¾	2713	110	2973	113½	2873	116¼	2952	119¾	3032
32	32	813	106¾	2713	110	2793	113½	2873	116¼	2952	119¾	3032	122½	3112	125½	3192
34	34	864	113½	2873	116¼	2952	119¾	3032	122½	3112	125½	3192	128¾	3272	132	3351
36	36	914	119¾	3032	122½	3112	125½	3192	128¾	3272	132	3351	135½	3431	138¼	3511

The lengths shown in this table do not have a 3" staple flap incorporated into the calculated dimensions. If a staple flap is desired, add 3" to the number shown.

Applicable Standards

Complies with:

- ASTM C612
Type IA
Type II, except for thermal conductivity at 75°F mean temperature

- ASTM C1393
Type IIIA, Category 2

- Thermal performance determined by:
ASTM C177 and/or ASTM C518



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