

Thermal Vapor Barrier Series / Model TVB

TECHNICAL DATA:

Performance Standards based on manufactures test data.

Outer Material:

- 3-ply Polyethylene, ASTM E-1745-11
- Color: Black
- 3" Tensile Strength: 140 lbs., ASTM-D-882
- Puncture Strength: 55 lbs., ASTM-D-4833
- PPT Resistance: 42 lbs., ASTM-D-2582
- Permeance: 0.038, ASTM-E-96

Insulation Material:

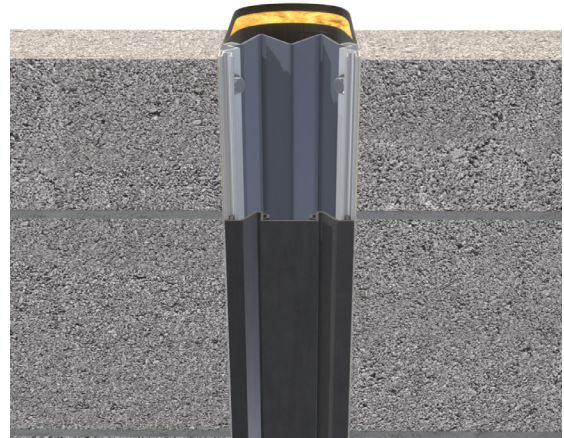
- Flexible to semi-rigid blankets made from inorganic glass fibers
- Bio-based binder alternative to phenol/formaldehyde
- Odor Emission: ASTM C1 304
- Water Vapor Sorption (by weight): ASTM C1 104, Less than 3%
- Maximum Service Temperature: ASTM C411, 650°F (343°C).
- Mold Growth: ASTM C1 338
- Surface Building Characteristics (flame spread/smoke developed): ASTM E84, UL 723, UL Classified FHC 25/50

Material:

- Semi rigid glass fiber insulation blankets, ASTM-C-553
- Service Temperature – 650 degrees F - ASTM-C-411
- Water Vapor Sorption – ASTM-C-1104
- Mold Growth – ASTM-C-1338

PRECAUTIONS:

Refer to Material Safety Data Sheet for detailed health and safety information prior to use.



TVB shown with SF expansion joint system

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MODEL	JOINT WIDTH	MINIMUM OPENING	MAXIMUM OPENING	EXPOSED SURFACE	BLOCKOUT WIDTH	BLOCKOUT HEIGHT																																																																																																																														
TVB-100	1.00" (25mm)	0.50" (13mm)	1.50" (38mm)	19.00" (483mm)	N/A	N/A																																																																																																																														
TVB-200	2.00" (51mm)	1.00" (25mm)	3.00" (76mm)	20.00" (508mm)	N/A	N/A																																																																																																																														
TVB-300	3.00" (76mm)	1.50" (38mm)	4.50" (114mm)	21.00" (533mm)	N/A	N/A																																																																																																																														
TVB-400	4.00" (102mm)	2.00" (51mm)	6.00" (152mm)	22.00" (559mm)	N/A	N/A </tr <tr> <td>TVB-600</td> <td>6.00" (152mm)</td> <td>3.00" (76mm)</td> <td>9.00" (229mm)</td> <td>24.00" (610mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-800</td> <td>8.00" (203mm)</td> <td>4.00" (102mm)</td> <td>12.00" (305mm)</td> <td>26.00" (660mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-1000</td> <td>10.00" (254mm)</td> <td>5.00" (127mm)</td> <td>15.00" (381mm)</td> <td>28.00" (711mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-1200</td> <td>12.00" (305mm)</td> <td>6.00" (152mm)</td> <td>18.00" (457mm)</td> <td>30.00" (762mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-1400</td> <td>14.00" (356mm)</td> <td>7.00" (178mm)</td> <td>21.00" (533mm)</td> <td>32.00" (813mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-1600</td> <td>16.00" (406mm)</td> <td>8.00" (203mm)</td> <td>24.00" (610mm)</td> <td>34.00" (864mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-1800</td> <td>18.00" (457mm)</td> <td>9.00" (229mm)</td> <td>27.00" (686mm)</td> <td>36.00" (914mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-2000</td> <td>20.00" (508mm)</td> <td>10.00" (254mm)</td> <td>30.00" (762mm)</td> <td>38.00" (965mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-2200</td> <td>22.00" (559mm)</td> <td>11.00" (279mm)</td> <td>33.00" (838mm)</td> <td>40.00" (1,016mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-2400</td> <td>24.00" (610mm)</td> <td>12.00" (305mm)</td> <td>36.00" (914mm)</td> <td>43.00" (1,092mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-2600</td> <td>26.00" (660mm)</td> <td>13.00" (330mm)</td> <td>39.00" (991mm)</td> <td>44.00" (1,118mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-2800</td> <td>28.00" (711mm)</td> <td>14.00" (356mm)</td> <td>42.00" (1,067mm)</td> <td>46.00" (1,168mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-3000</td> <td>30.00" (762mm)</td> <td>15.00" (381mm)</td> <td>45.00" (1,143mm)</td> <td>48.00" (1,219mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-3200</td> <td>32.00" (813mm)</td> <td>16.00" (406mm)</td> <td>48.00" (1,219mm)</td> <td>50.00" (1,270mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-3400</td> <td>34.00" (864mm)</td> <td>17.00" (432mm)</td> <td>51.00" (1,295mm)</td> <td>52.00" (1,321mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-3600</td> <td>36.00" (914mm)</td> <td>18.00" (457mm)</td> <td>54.00" (1,372mm)</td> <td>54.00" (1,372mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-3800</td> <td>38.00" (965mm)</td> <td>19.00" (483mm)</td> <td>57.00" (1,448mm)</td> <td>56.00" (1,422mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>TVB-4000</td> <td>40.00" (1,016mm)</td> <td>20.00" (508mm)</td> <td>60.00" (1,524mm)</td> <td>58.00" (1,473mm)</td> <td>N/A</td> <td>N/A</td> </tr>	TVB-600	6.00" (152mm)	3.00" (76mm)	9.00" (229mm)	24.00" (610mm)	N/A	N/A	TVB-800	8.00" (203mm)	4.00" (102mm)	12.00" (305mm)	26.00" (660mm)	N/A	N/A	TVB-1000	10.00" (254mm)	5.00" (127mm)	15.00" (381mm)	28.00" (711mm)	N/A	N/A	TVB-1200	12.00" (305mm)	6.00" (152mm)	18.00" (457mm)	30.00" (762mm)	N/A	N/A	TVB-1400	14.00" (356mm)	7.00" (178mm)	21.00" (533mm)	32.00" (813mm)	N/A	N/A	TVB-1600	16.00" (406mm)	8.00" (203mm)	24.00" (610mm)	34.00" (864mm)	N/A	N/A	TVB-1800	18.00" (457mm)	9.00" (229mm)	27.00" (686mm)	36.00" (914mm)	N/A	N/A	TVB-2000	20.00" (508mm)	10.00" (254mm)	30.00" (762mm)	38.00" (965mm)	N/A	N/A	TVB-2200	22.00" (559mm)	11.00" (279mm)	33.00" (838mm)	40.00" (1,016mm)	N/A	N/A	TVB-2400	24.00" (610mm)	12.00" (305mm)	36.00" (914mm)	43.00" (1,092mm)	N/A	N/A	TVB-2600	26.00" (660mm)	13.00" (330mm)	39.00" (991mm)	44.00" (1,118mm)	N/A	N/A	TVB-2800	28.00" (711mm)	14.00" (356mm)	42.00" (1,067mm)	46.00" (1,168mm)	N/A	N/A	TVB-3000	30.00" (762mm)	15.00" (381mm)	45.00" (1,143mm)	48.00" (1,219mm)	N/A	N/A	TVB-3200	32.00" (813mm)	16.00" (406mm)	48.00" (1,219mm)	50.00" (1,270mm)	N/A	N/A	TVB-3400	34.00" (864mm)	17.00" (432mm)	51.00" (1,295mm)	52.00" (1,321mm)	N/A	N/A	TVB-3600	36.00" (914mm)	18.00" (457mm)	54.00" (1,372mm)	54.00" (1,372mm)	N/A	N/A	TVB-3800	38.00" (965mm)	19.00" (483mm)	57.00" (1,448mm)	56.00" (1,422mm)	N/A	N/A	TVB-4000	40.00" (1,016mm)	20.00" (508mm)	60.00" (1,524mm)	58.00" (1,473mm)	N/A	N/A
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