

# Thermafiber® NRC Data

**+ NRC- ABSORPTION  
COEFFICIENTS  
1/3 OCT. BAND  
CENTER FREQ. Hz**

| Mounting Method:<br>A SAMPLE | 125* | 250  | 500  | 1000 | 2000 | 4000* | NRC  |
|------------------------------|------|------|------|------|------|-------|------|
| 2.5 pcf density              |      |      |      |      |      |       |      |
| 2 in.                        | 0.34 | 0.61 | 1.07 | 1.09 | 1.07 | 1.10  | 0.95 |
| 3 in.                        | 0.51 | 0.99 | 1.18 | 1.03 | 0.99 | 0.96  | 1.05 |
| 4 in.                        | 0.83 | 1.19 | 1.27 | 1.12 | 1.12 | 1.13  | 1.20 |
| 6 in.                        | 1.37 | 1.32 | 1.23 | 1.16 | 1.12 | 1.12  | 1.20 |
| 8 in.                        | 1.36 | 1.25 | 1.27 | 1.20 | 1.17 | 1.23  | 1.20 |
| 4.0 pcf density              |      |      |      |      |      |       |      |
| 2 in.                        | 0.33 | 0.71 | 1.13 | 1.15 | 1.08 | 1.09  | 1.00 |
| 4 in.                        | 1.01 | 1.26 | 1.23 | 1.13 | 1.11 | 1.09  | 1.20 |
| 6 in.                        | 1.35 | 1.17 | 1.20 | 1.13 | 1.06 | 1/10  | 1.15 |
| 8 in.                        | 1.34 | 1.21 | 1.21 | 1.14 | 1.12 | 1.09  | 1.15 |
| 6.0 pcf density              |      |      |      |      |      |       |      |
| 2 in.                        | 0.36 | 0.79 | 1.15 | 1.04 | 1.01 | 1.04  | 1.00 |
| 4 in.                        | 1.15 | 1.17 | 1.18 | 1.03 | 1.06 | 1.08  | 1.10 |
| 6 in.                        | 1.18 | 1.01 | 1.11 | 1.03 | 1.06 | 1.10  | 1.05 |
| 8 in.                        | 1.13 | 1.11 | 1.13 | 1.01 | 1.06 | 1.07  | 1.10 |
| 8.0 pcf density              |      |      |      |      |      |       |      |
| 2 in.                        | 0.35 | 0.84 | 1.08 | 1.04 | 0.96 | 0.93  | 1.00 |
| 4 in.                        | 0.49 | 1.11 | 1.11 | 1.14 | 0.97 | 0.64  | 1.10 |
| 6 in.                        | 0.61 | 1.19 | 1.19 | 1.10 | 1.03 | 0.86  | 1.15 |
| 8 in.                        | 0.75 | 1.35 | 1.26 | 1.19 | 1.15 | 1.17  | 1.25 |

\*Accuracy of value may be affected by deficiencies in reverberation chamber.

