

KM W0 NBR Insulation Foam Tape

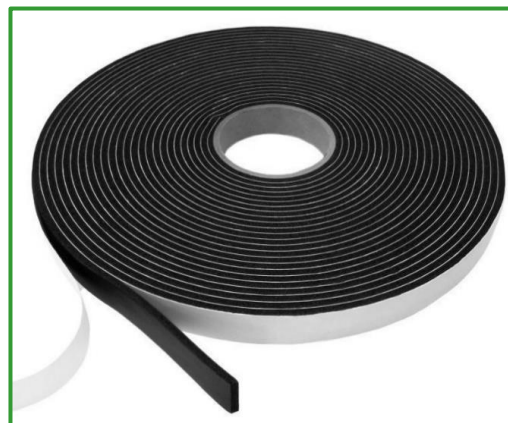
Class 0 Thermal and Acoustic Protection

Material Description

KM W0 Nitrile Butadiene (NBR) Insulation Foam Tape uses the advanced “Gel Foaming” Technology, to form the completely closed foam structure. The “Gel Foaming” Technology adopts a special formula process to form a complete closed bubble structure. Nitrile Butadiene Rubber (NBR) is more resistant than natural rubber.

KM W0 NBR Insulation Foam Tape has an option to come with pressure sensitive adhesives. It reduces noise and absorb vibrations. It serves as an ideal thermal insulation to prevent condensation and heat transfer.

KM W0 NBR Insulation Foam Tape is easy to install, safe and environmental friendly.



Key Performance Properties

- Good performance of low thermal conductivity
- Excellent water, moisture and vapor resistance performance. (Condensation Prevention)
- Excellent sound and noise absorption performance. Long-term stability for various environment
- Resistance against Fungus Growth. Low smoke, non-toxic, strong safety performance
- Good fire resistance performance, BS476 Part 6 & Part 7 certified
- Quick and easy installation due to its flexibility

~ Please consult our technical services for any enquiries and application concerns.

Technical Performance

| Physical Properties | | KM W0 NBR | | | Test Methods |
|--------------------------------------|-----------|--|--------------|--------------|------------------------|
| Cell Structure | | Closed Cell | | | |
| Density Kg/m ³ | | 55 ± 5 | | | |
| Thermal Conductivity | Mean Temp | -4°F (-20°C) | 32°F (0°C) | 104°F (40°C) | |
| BTU | K-value | 0.22 (0.030) | 0.23 (0.032) | 0.26 (0.037) | |
| Water Vapour Permeability g/(m.s.Pa) | | 1.3 x 10 ⁻¹¹ | | | |
| Moisture Resistance (μ value) | | μ ≥ 15000 | | | |
| Flammability Smoke Density | | V-0 | | | ANSI/ UL 94 |
| | | 25/50 | | | |
| | | Self-Extinguishing | | | |
| | | Class 0 | | | BS 476: Part 7 & 6 |
| | | Pass | | | |
| Water absorption (weight %) | | ≤ 5 | | | EN 1609: 2013 Method A |
| Flexibility | | Excellent | | | |
| Ozone Resistance | | No Crack | | | |
| Ecological Data | | CFC- HCHC Free; Diphenyloxyde Free; Fomaldehyde Free | | | US EPA 5021A-2003 |
| Service Temperature | | -57°C to +125°C [-70°F to 257°F] | | | |

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Material Sizes

| Model | Thickness |
|-------|-----------|
| W0 | (mm) |
| W0S3 | 3 |
| W0S6 | 6 |
| W0S10 | 10 |
| W0S13 | 13 |
| W0S15 | 15 |
| W0S19 | 19 |
| W0S25 | 25 |
| W0S30 | 30 |
| W0S32 | 32 |
| W0S35 | 35 |
| W0S38 | 38 |
| W0S40 | 40 |
| W0S50 | 50 |



*Length differs with different thickness/interior dimension sizes. Please contact our Sales Representatives for actual dimensions

