

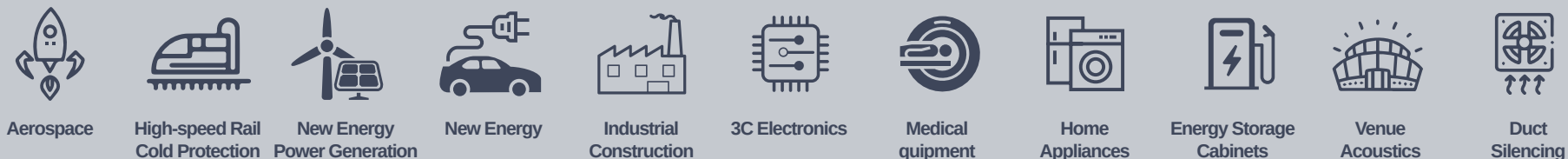


Enterprise Strength

- ✓ ISO/IATF16949
- ✓ AS9100D
- ✓ ISO 9001/ISO 14001/ISO 45001
- ✓ ISO 16000
- ✓ UL Yellow Card
- ✓ BSCI

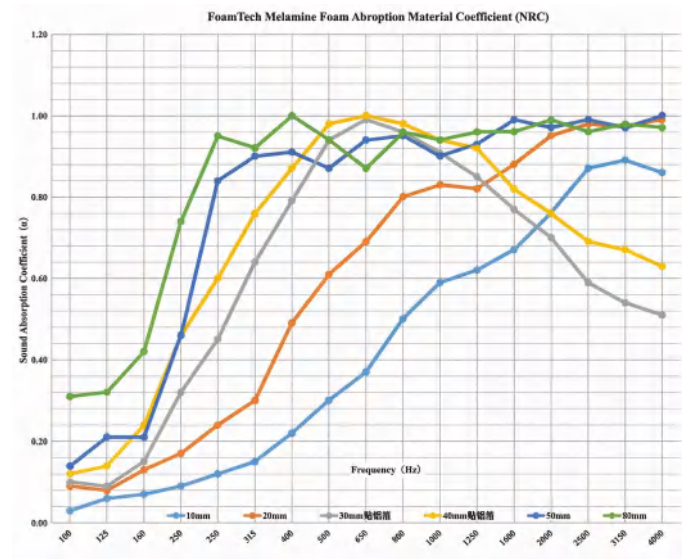
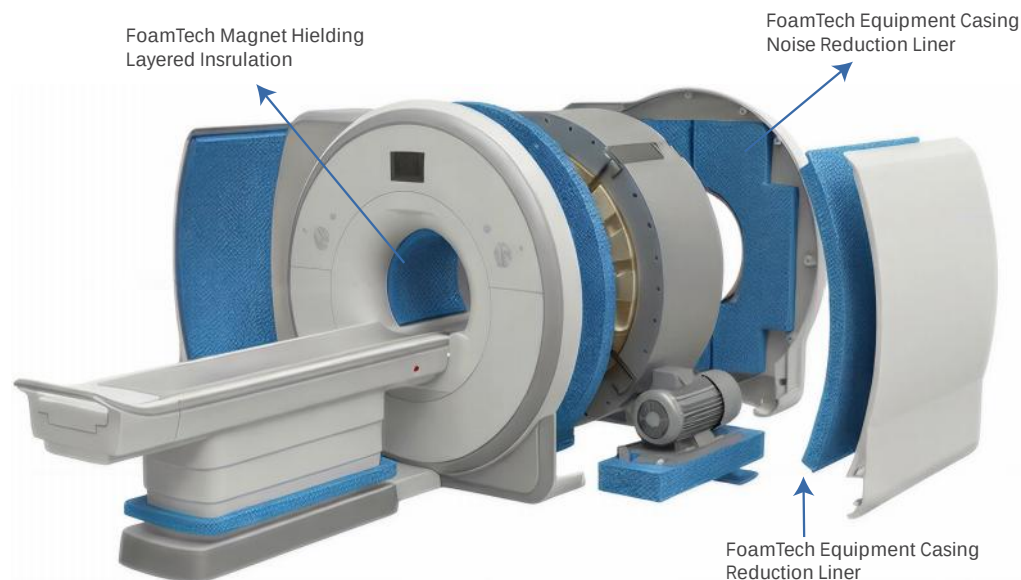
Technical Advantages

- ⚙️ Advanced Process Technology
- 📦 Multi-material Composite Applications
- 🏭 Premium Raw Materials
- 🏠 180-260um Skeleton Structure
- 🔗 Patented Design Solutions





MRI Noise Reduction Application Cases



Applications



- Magnet Field Layer Insulation
- Equipment Insulation
- Vibration Pad

Product Features

- Excellent sound absorption, reduces noise diffusion
- Excellent shock and vibration control
- Biocompatibility
- Ozone Aging Resistance
- FDA Compliant

Performance Data

Thermal Conductivity: $<0.034 \text{ W/(m}\cdot\text{K)}$
 Density: $4\sim 20 \text{ kg/m}^3$
 Sound Absorption Coefficient: 0.95
 Sound Absorption Rate: $>70\%$
 Flame Retardancy: UL94 V-0

Sound Absorptionat Thickness

THK20mm	NRC 0.65
THK30mm	NRC 0.75
THK40mm	NRC 0.80
THK50mm	NRC 0.90
THK80mm	NRC 0.95

Industry Certifications



Complies with International Medical Device Safety Standards

Ventilator/Oxygen Concentrator Application Examples



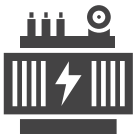
Internal Absorption and Reduction



Internal Absorbing Material

Internal Absorbing Material

Applications



- Heating Area Insulation
- Power Area Fire Barrier
- Interlayer Insulation Pad

Product Features

- **Insulation:** Efficient insulation, prevents device overheating.
- **Flame Retardant:** Excellent flame retardancy, ensures patient safety.
- **Lightweight:** Light material, does not add extra weight.
- **Temperature:** High temperature resistance, suitable for long-term use.

Perform Data

Biocompatibility:
ISO 10993-23:2021 & REACH/ROHS compliant
Thermal Conductivity: $<0.034 \text{ W/(m}\cdot\text{K)}$
Density: $5\sim 20 \text{ kg/m}^3$
Flame Retardancy: UL94 V-0
High Temp Resistance: 200°C continuous use

Industry Certifications



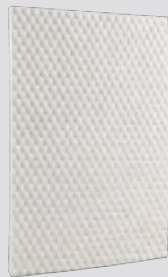


FoamTech Product Series

Professional Acoustic and Thermal Insulation Material Solutions



Automotive Hood Sound
Insulation Cotton



Ventilator Housing
Sound Insulation Cotton



Egg Crate Sound
Insulation Cotton



Pyramid Acoustic
Foam



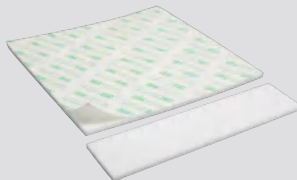
Three-Layer Composite
Sound Insulation Foam



Duct Noise
Reduction Cotton



Air Duct Sound
Insulation Cotton



Melamine Composite
Adhesive Backing



Melamine Roll
Material



Melamine Copper Foil
Graphene Composite



服务年限
行业经验

10⁺



175

发明专利
技术创新

孔隙率
产品性能

99%



8

应用领域
市场覆盖

企业实力

- ✓ 国家级专精特新"小巨人"企业
- ✓ 国家知识产权优势企业
- ✓ 国家高新技术企业
- ✓ 省级制造业单项冠军
- ✓ 省级"瞪羚"企业

技术优势

- ⚙️ 先进工艺技术
- 📄 最优级原材料
- 🏠 180-260um骨架结构
- 🔗 多材料复合应用
- 📐 专利设计方案



航天航空



高铁防寒



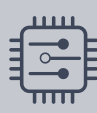
新能源发电



新能源汽车



工业建筑



3C电子



医疗机械



家用电器



储能机柜



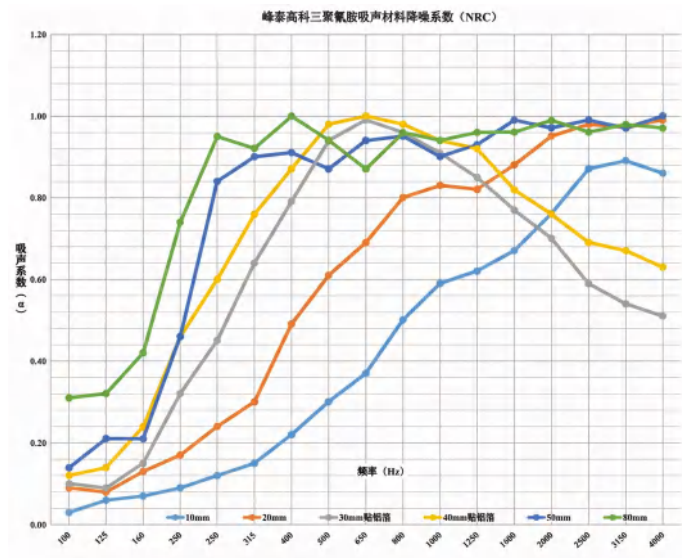
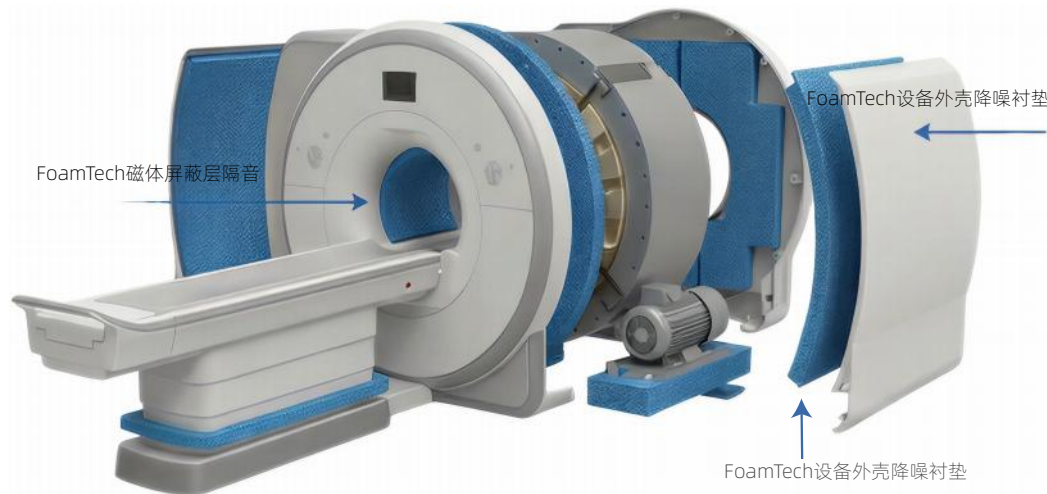
场馆声学



风道消音



核磁共振降噪应用案例



应用位置



- 磁体屏蔽层隔音
- 设备外壳降吸
- 振动控制垫

产品功能

- **吸音** 优异吸声性能, 降低噪音扩散
- **防震** 优异的振动控制
- **抗霉菌** 满足ISO 846:2019
- **生物相容性** 满足ISO 23641:2021
- **耐臭氧老化** 满足ISO 23641:2021

性能数据

导热系数: $<0.034W/(m.K)$

密度: $4-20kg/m^3$

吸声系数: 0.95(200Hz以上)

振动阻: $>70\%$

密度: UL94-V0级

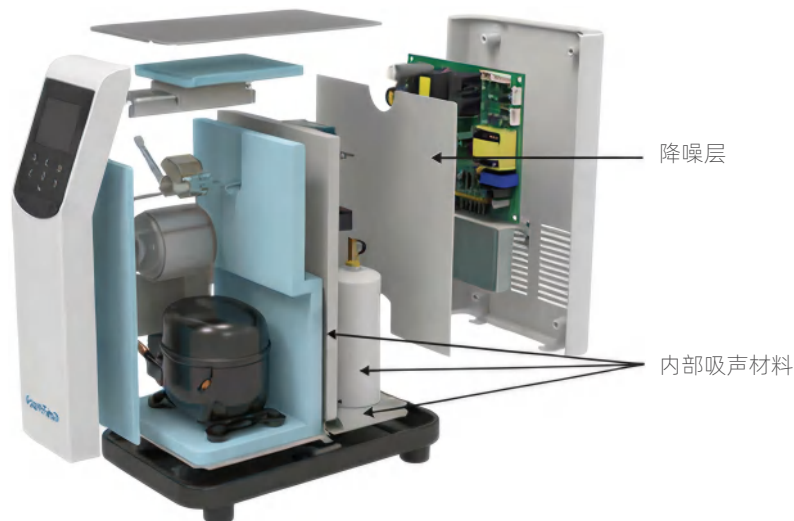
不同厚度吸音对比

厚度20mm	NRC 0.65
厚度30mm	NRC 0.75
厚度40mm	NRC 0.80
厚度50mm	NRC 0.90
厚度80mm	NRC 0.95

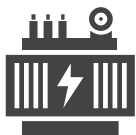
行业认证



医疗/家用呼吸机应用案例



应用位置



- 加热管区隔热层
- 电源区域防火屏障
- 内部组件隔热垫

产品功能

- **隔热** 高效隔热，防止设备过热
- **阻燃** 优异阻燃性能，确保患者安全
- **轻盈** 轻质材料，不增加设备重量
- **耐温** 耐高温，长期稳定使用

性能数据

导热系数: $<0.034W/(m \cdot K)$ 生物相容性:
密度: $5-20kg/m^3$ 满足环保标准(REACH/ROHS)
阻燃等级: UL94V-0 满足生物相容性:
耐 高 温: $200^{\circ}C$ 持续使用 ISO 10993-23:2021 标准。

行业认证

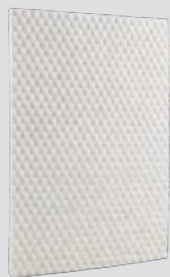


FoamTech产品系列

专业隔音隔热材料解决方案



汽车引擎盖消音棉



呼吸机外壳消音棉



鸡蛋棉消音棉



金字塔吸音棉



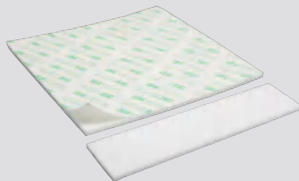
三层复合消音棉



管道降噪棉



风道消音棉



三聚氰胺复合背胶



三聚氰胺卷材



密胺铜箔石墨烯

