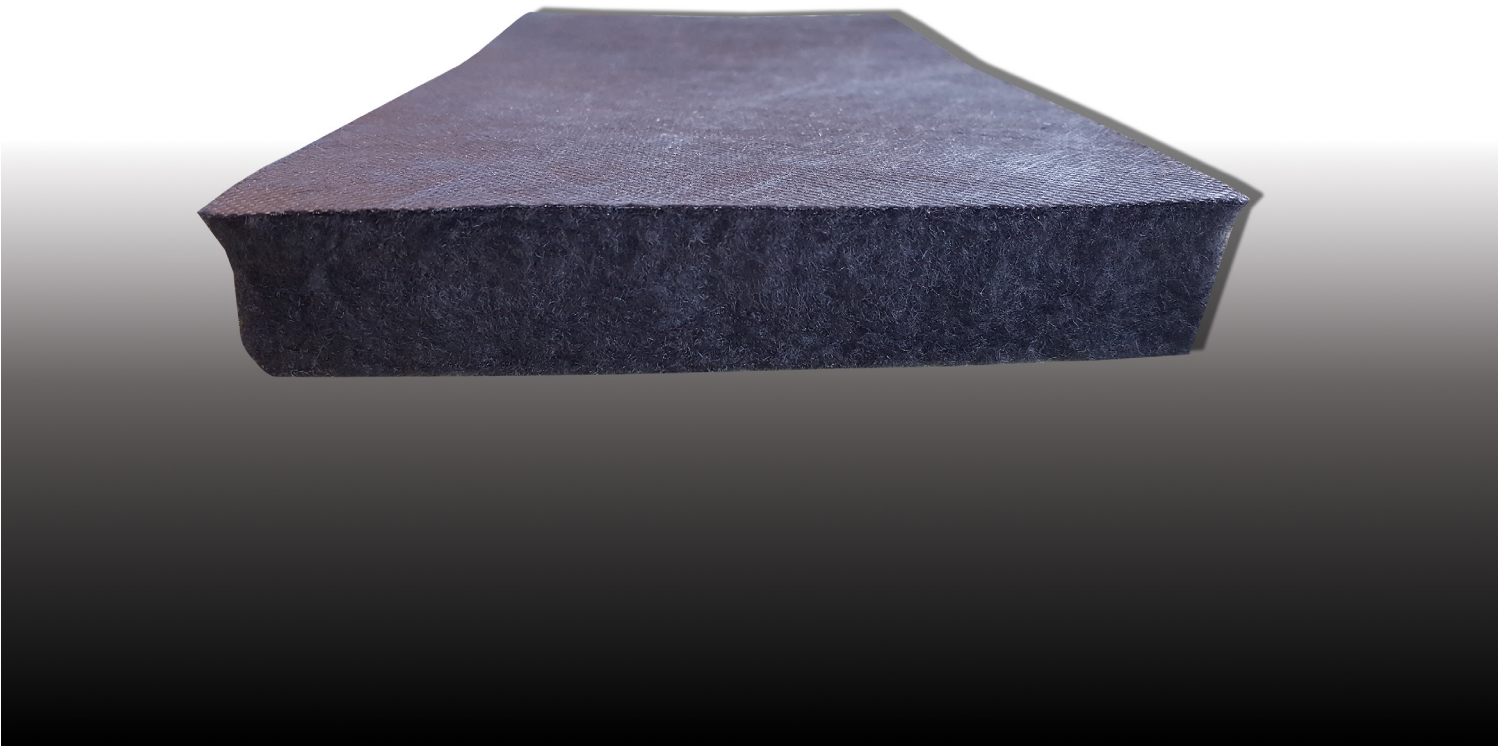




Constantly seeking better ways to be the best®



MilFiber-NW

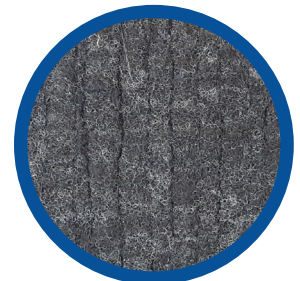
MilFiber-NW is a vertically lapped synthetic fiber-based sound absorbing material with a polyester non-woven acoustic facing. It has been engineered to provide premium sound absorption, enable good airflow resistance and has the ability to absorb high temperatures. MilFiber-NW provides high sound absorption in a light, thin treatment preventing major weight changes in the application. The hydrophobic fibers are low odor and will not support mold or mildew growth. It also does not retain moisture and is non-wicking. MilFiber-NW meets the requirements of UL94 HF-1 and is FMVSS 302 compliant.

TYPICAL APPLICATIONS:

- Vehicle Engine Bay
- Enclosure Engine/Exhaust Bay



Black Fiber

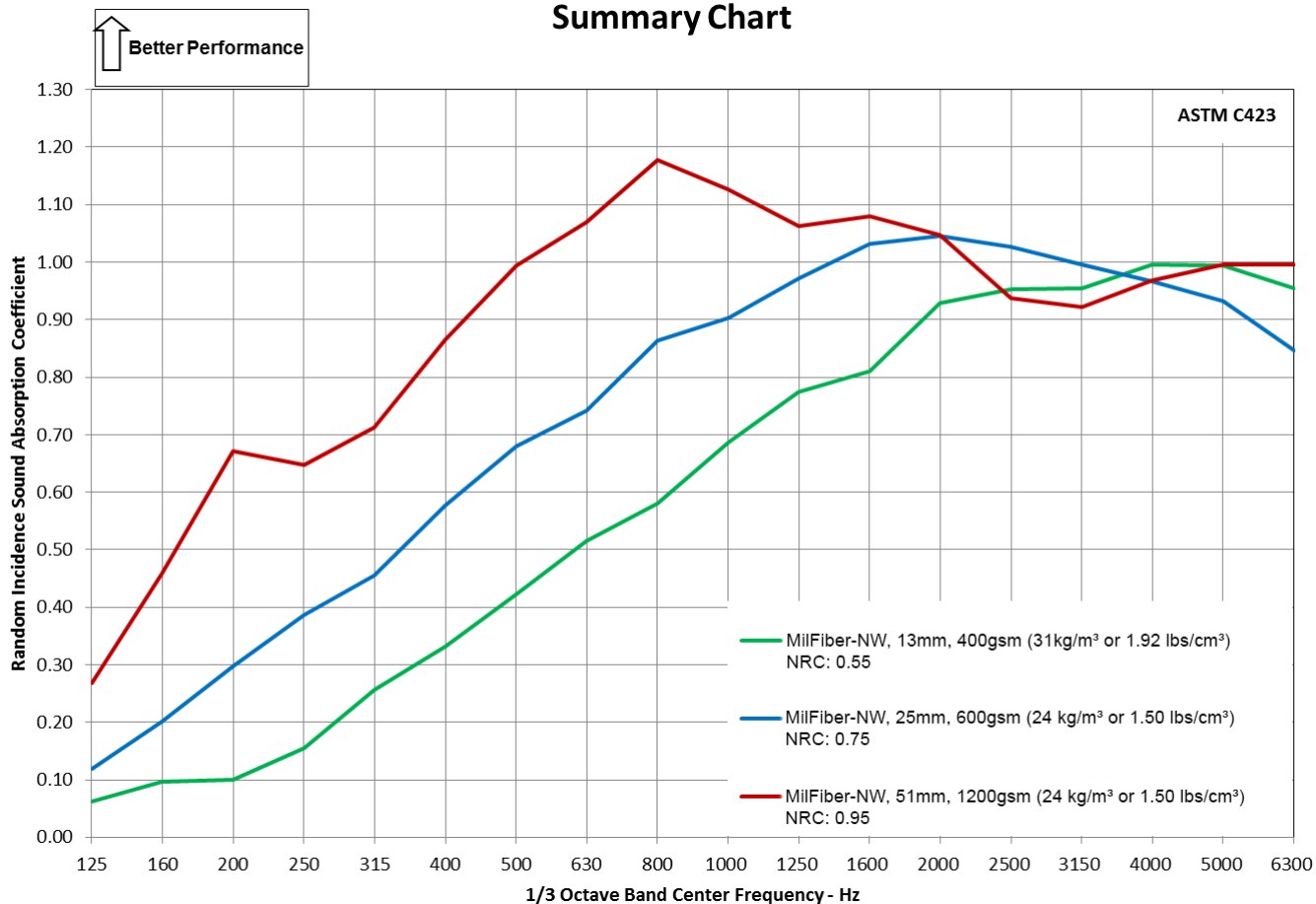


Grey Fiber

Typical Physical Properties

Physical Property	Test Method	Typical Results
Material Composition		100% PET non-woven thermally bonded fiber
Color		Grey or Black
Facing		80 gsm black PET based spunbond non-woven
Surface Density Range of Fiber Core		400-1,100 gsm
Thickness Range		12-32 mm
Maximum Service Temperature		150°C (continuous)
Toxicity		Non-toxic
TSCA Compliant		Yes
RoHS Compliant		Yes
EU REACH Compliant		Yes
Flammability	FMVSS 302 UL94 HF-1	≤ 100mm/min, self-extinguishing Pass

Random Incidence Sound Absorption Summary Chart



RISAC - ASTM C423 Data

Frequency (Hz)	0.5" MilFiber-NW	1" MilFiber-NW	2" MilFiber-NW
125	0.06	0.12	0.27
160	0.10	0.20	0.46
200	0.10	0.30	0.67
250	0.15	0.39	0.65
315	0.26	0.45	0.71
400	0.33	0.58	0.87
500	0.42	0.68	0.99
630	0.52	0.74	1.07
800	0.58	0.86	1.18
1000	0.69	0.90	1.13
1250	0.77	0.97	1.06
1600	0.81	1.03	1.08
2000	0.93	1.05	1.05
2500	0.95	1.03	0.94
3150	0.95	1.00	0.92
4000	1.00	0.97	0.97
5000	0.99	0.93	1.00
6300	0.95	0.85	1.00
8000	0.99	0.91	0.99
10000	0.96	1.00	1.08
SAA	0.58	0.79	0.97
NRC	0.55	0.75	0.95