



DECI-TEX[®] 3D 200F & 250F 3-Dimensional Thermally Bonded Polyester Absorber

DECI-TEX 3D 200F & 250F are vertically aligned, thermally bonded polyester sound absorbers with light polyethylene film facing designed for optimum acoustic performance.

DECI-TEX 3D 200F & 250F are soft blankets made to nominal thickness and densities.

The unique fibre construction of DECI-TEX 3D results in good sound absorption combined with unique mechanical properties.

DECI-TEX 3D 200F & 250F exhibit low fire hazard properties and are completely safe and non-toxic to use.

DECI-TEX 3D 200F & 250F were developed for automotive industry as a lightweight acoustic alternative with sound absorbing properties vastly superior to traditional automotive felts.

Because DECI-TEX 3D 200F & 250F are made with the fibres oriented vertically we offer this product with **Radical[®]** acrylic self-adhesive system.

FEATURES

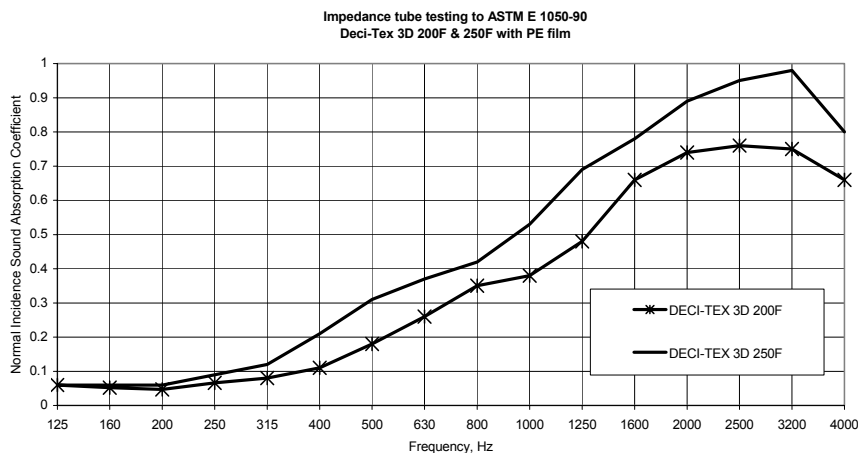
- Completely safe, non-toxic
- Low fire hazard properties – tested to AS1530.3 returns 7, 0, 0, 3
- Self-extinguishing & zero burn rate is returned when tested to MVSS302
- Non-allergenic
- Range of densities and thicknesses
- Can be moulded to shape

BENEFITS

- Safe and clean to handle
- Protective clothing not required
- Easy to install using self-adhesive
- Replaces automotive felts

APPLICATIONS

- All acoustic requirements for soft, sound absorbing pads in automotive applications



STANDARD PRODUCT CODES

STANDARD PRODUCT	THICKNESS	WIDTH	ROLL LENGTH	DENSITY
DECI-TEX 3D 200F	14mm ± 1mm	As required	As required	14 kg/m ³
DECI-TEX 3D 200F	10mm ± 1mm	As required	As required	20 kg/m ³
DECI-TEX 3D 200FF	10mm ± 1mm	As required	As required	20 kg/m ³
DECI-TEX 3D 250F	20mm ± 1mm	As required	As required	11 kg/m ³

DECI-TEX 3D is manufactured to a nominal thickness only. Typical thickness variations are ± 1mm.

SOUND ABSORPTION (Test in the impedance tube to ASTM - 1050)

FREQUENCY	SOUND ABSORPTION COEFFICIENT	
	Deci-Tex 3D 200F	Deci-Tex 250F
Hz		
125	0.06	0.06
160	0.05	0.06
200	0.05	0.06
250	0.07	0.09
315	0.08	0.12
400	0.11	0.21
500	0.18	0.31
630	0.26	0.37
800	0.35	0.42
1000	0.38	0.53
1250	0.48	0.69
1600	0.66	0.78
2000	0.74	0.89
2500	0.76	0.95
3200	0.75	0.98
4000	0.66	0.80
NRC	0.35	0.45

FLAMMABILITY PROPERTIES

MATERIAL	Flammability tested to MVSS-302
DECI-TEX 3D 200F	Self Extinguishing Less than 50mm

MISCELLANEOUS PROPERTIES

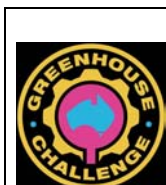
MATERIAL	REC. MAX. SERVICE TEMP.	CHEMICAL RESISTANCE	THERMAL CONDUCTIVITY 'K'	MOISTURE ABSORPTION
DECI-TEX 3D 200F	130C Continuous	Excellent	0.036 W/mC	<0.03% by vol. At 50C, 90% RH (for 4 days or more).

TOXICOLOGY/HEALTH AND SAFETY

DECI-TEX 3D is completely non-toxic and safe to handle without protective clothing or respiration apparatus.

NOTES: Specifications are subject to change without notice.

The data listed in this data sheet are typical or average values based on tests conducted by independent laboratories or by the manufacturer. They are indicative only of the results obtained in such tests and should not be considered as guaranteed maximums or minimums. Materials must be tested under actual service to determine their suitability for a particular purpose



**Commercial
In
Confidence**

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