



Bulatex® VS16A

Semi-closed cells EPDM-based

- Very low compression deflection
- Good acoustic properties
- Conformable on very irregular surfaces



- Anthracite black

Classification	ASTM D1056	1A0 F1 M P except compression set
	BMW N 603 00.0	A 890 EPDM 2 1 0.002
	GMW 17408	Class I Type I
	PSA B65 4360	Approved by PSA FTM37 0016 EPDM 08 X S2 00 7100X1
	Renault 03-10-102	2 S 00 C2 ₍₂₎ except tearing resistance

Properties	Test Conditions - Standard	Values / Units	
Density	ISO 845	90 ± 15 kg/m ³	5.6 ± 1 lb/ft ³
Compression deflection 25% (1)	ASTM D1056	0 to 3 kPa	0 to 0.44 psi
Compression deflection 50%	NFR 99-211	1 to 6 kPa	0.15 to 0.87 psi
Compression set 70°C	ASTM D1056-07 / NFR 99-211	≤ 50%	
Linear shrinkage	After 7 days at 70°C	≤ 5%	
Tearing resistance	NFR 99-211	≥ 0,3 daN/cm	≥ 1.7 lbf/in
Elongation at break	ASTM D1056-07 / ISO 1798	≥ 150 %	
Total carbon emission (1)	VDA 277 / PV 3341	19.5 µg C/g	
Volume resistivity (1)	IEC 60 093 120x120x2 mm -500V	10 ¹⁴ Ω.cm	
Fire resistance	US FMVSS 302 to be confirmed acc. to final configuration	Pass < 100 mm/min	Pass < 3.94 in/min
Gross block dimensions	Thickness 2 skins within the specified surface	min 2000 x 1000 x 60 mm	min 78.74 x 39.37 x 2.36 in

Temperature range (1)		
Continuous	-40°C / +140°C	-40°F / +284°F
Peak	+150°C	+302°F
Glass transition (DSC)	-52°C	-62°F
Heat capacity (DSC)	1.5 to 2.1 J.g ⁻¹ .°C ⁻¹	
	0.36 to 0.50 Btu.lb ⁻¹ .°F ⁻¹	

Chemical resistance (1)	
Oil	Low
Ozone	Excellent
Air + UV	Excellent

(1) Indicative information value only

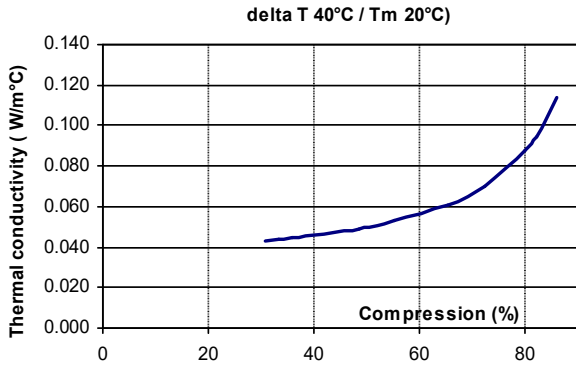
(2) Internal method: Maximum change of Compression deflection after 7 days at 70 ° C considered compliant if ≤ 8 kPa.

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Thermal conductivity (1)

acc. to ISO 8301 for density = 90 kg/m³ **5.6 lb/ft³**

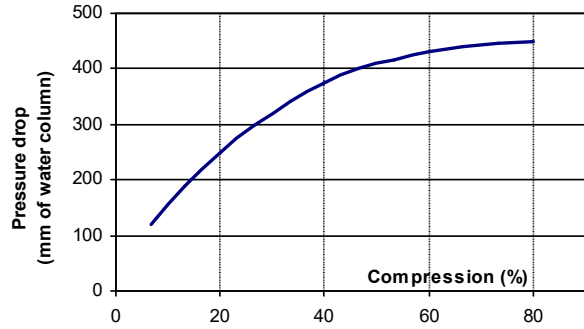


$1 \text{ W}\cdot\text{m}^{-1}\cdot\text{K}^{-1} = 0.5777 \text{ BTU}_{\text{IT}}\cdot\text{Hr}^{-1}\cdot\text{ft}^{-1}\cdot\text{°F}^{-1}$

$T \text{ Celsius} = (T \text{ Fahrenheit} - 32) \times 5 / 9$

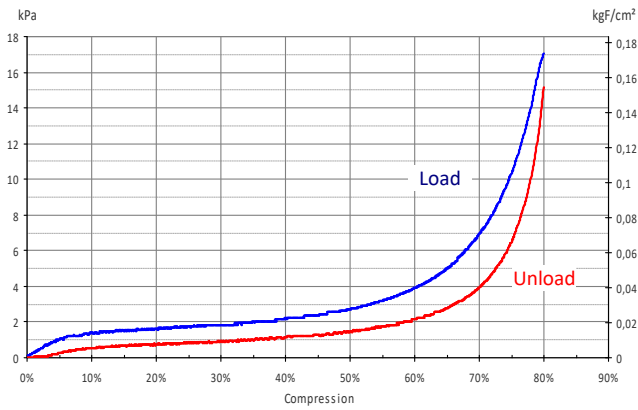
Air tightness (1)

For 15 mm- density= 90 kg/m³ **5.6 lb/ft³**



Compression deflection: load & unload (1)

For density = 90 kg/m³ **5.6 lb/ft³**



$1 \text{ kPa} = 0.145 \text{ psi}$

$1 \text{ kgF/cm}^2 = 14.223 \text{ psi}$

(1) Indicative information value only

(2) Internal method: Maximum change of Compression deflection after 7 days at 70 ° C considered compliant if ≤ 8 kPa.

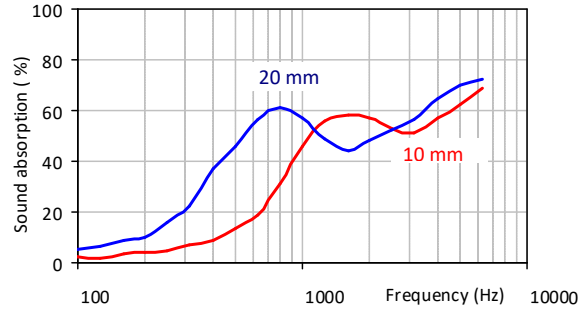
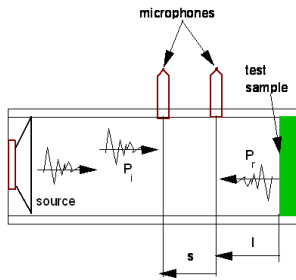
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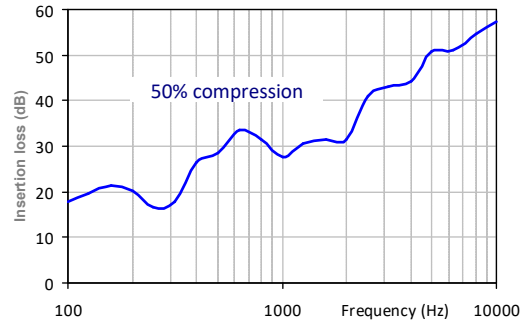
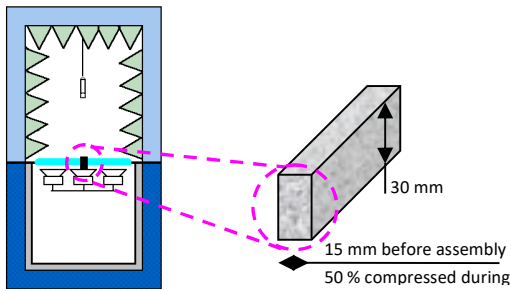
Acoustic ⁽¹⁾

Absorption: Kundt's pipe acc. to EN ISO 10534-2



Insertion loss acc. to B39 6130

Measure of the acoustic insulation gain provided by the filling of a 7.5 mm slit by a seal thickness 30 mm



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IMP FIT-01