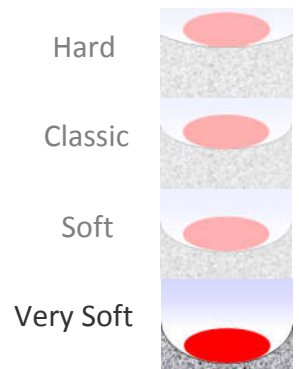


# Bulatex® VS165

## Semi-closed cells EPDM-based

Good acoustic properties  
Watertight under compression  
Conformable on very irregular surfaces



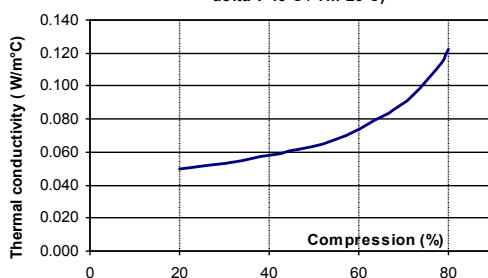
Properties	Test Conditions - Standard	Values
Density (1)	ISO 845	110 kg/m <sup>3</sup>
Compression deflection 25% (1)	ASTM D1056	0 to 5 kPa
Compression deflection 50%	NFR 99-211	1 to 10 kPa
Compression set 70°C	ASTM D1056-07 / NFR 99-211	≤ 50%
Linear shrinkage	After 7 days at 70°C	≤ 5%
Tearing resistance	ASTM D1056-07 / NFR 99-211	≥ 0,3 daN/cm
Elongation at break	ASTM D1056-07 / ISO 1798	≥ 150 %
Total carbon emission (µg C/g) (1)	VDA 277 / PV 3341	18.3
Volume resistivity (1)	IEC 60 093 (120*120*2 mm -500V)	10 <sup>14</sup> Ω.cm
Classification	ASTM D1056	1A0 F1 M P except compression set
	BMW / BMW S 603 00.0	A 890 EPDM 2 1 0.003
	GMW 17408 / GMW 15473	Class I/IIIE Type I
	PSA / B65 4360	EPDM 10 X S2 00 7100X1
	Renault / 03-10-102	2 S 00 C2(2)
Others characteristics	US FMVSS 302	Pass < 100 mm/min To be confirmed acc. to final configuration
	Colour	Anthracite black
	Gross block dimensions	min 2000 x 1000 x 60 mm Thickness with 2 skins in the 2000 x 1000 area

Temperature range (1)	
Continuous	-40°C / +120°C
Peak	+140°C
Glass transition (DSC)	-52°C
Heat capacity (DSC)	1.5 to 2.1 J.g <sup>-1</sup> .°C <sup>-1</sup>

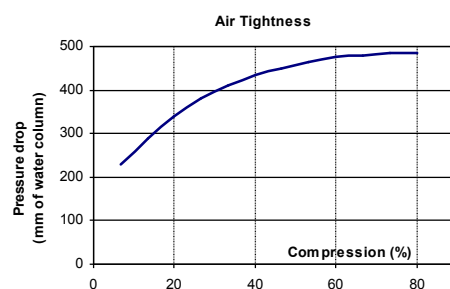
Chemical resistance (1)	
Oil	Low
Ozone	Excellent
Air + UV	Excellent

### Thermal conductivity (1)

Acc. to ISO 8301 for density=0.14  
delta T 40°C / Tm 20°C



### Air tightness (1)



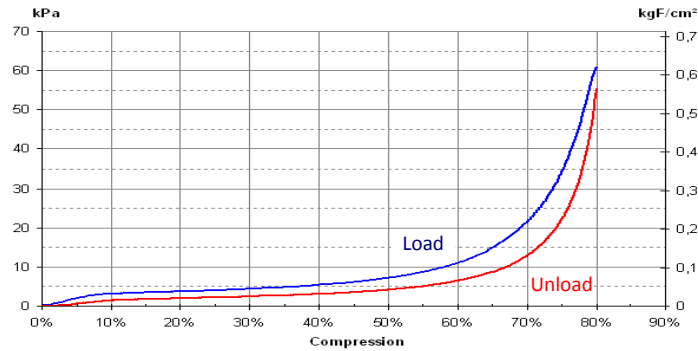
(1) For information only (indicative value)

(2) Internal method: Maximum change of Compression deflection after 7 days at 70 ° C considered compliant if ≤ 13 kPa.

**Bulatex® VS165**

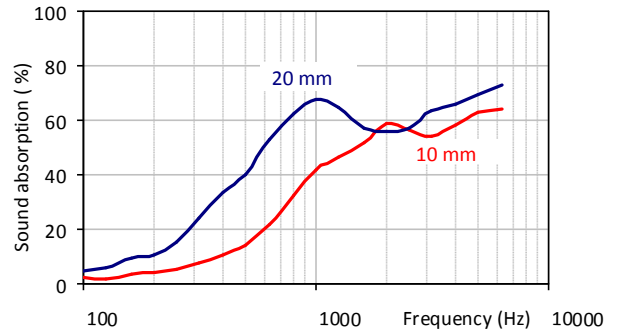
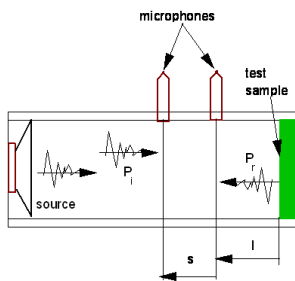


Compression deflection: load & unload (1)



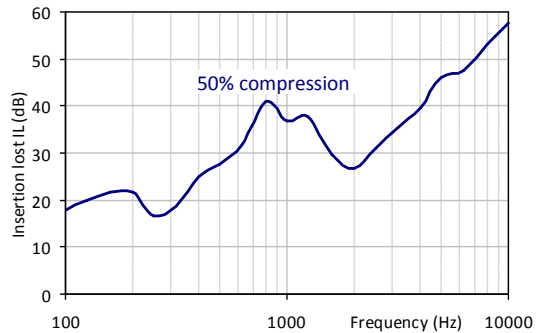
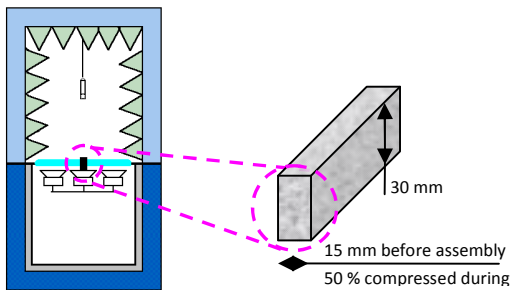
**Acoustic (1)**

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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The information given in this document results from truthful laboratory tests. However this cannot be held as a commitment on our part. Modifications can be made at any moment without notice. It is recommended to the user to verify data before use. Our technical departments are at your disposal for any advice.