

Technical Datasheet

VibraFlex - VF25

Version: 1
Issued by: BPI - Product Management
Date: August 21, 2014

VibraFlex®

- vibration dampening & absorption

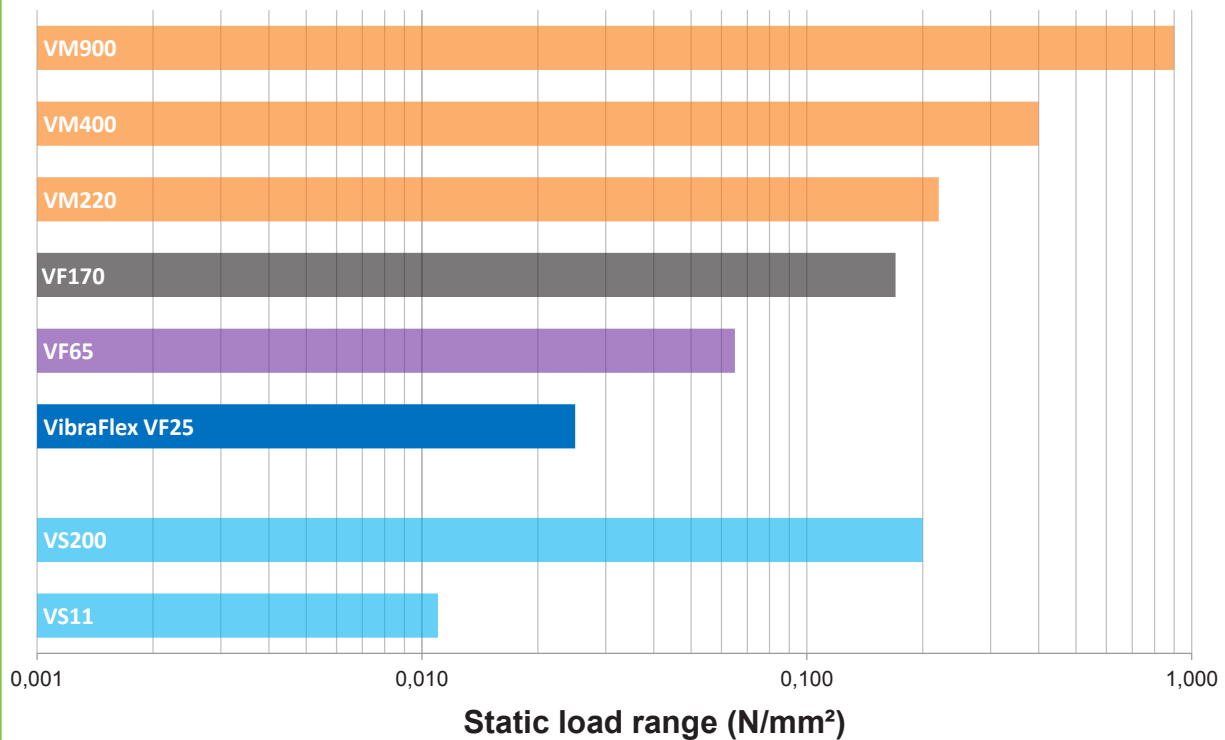


Subject to alterations.

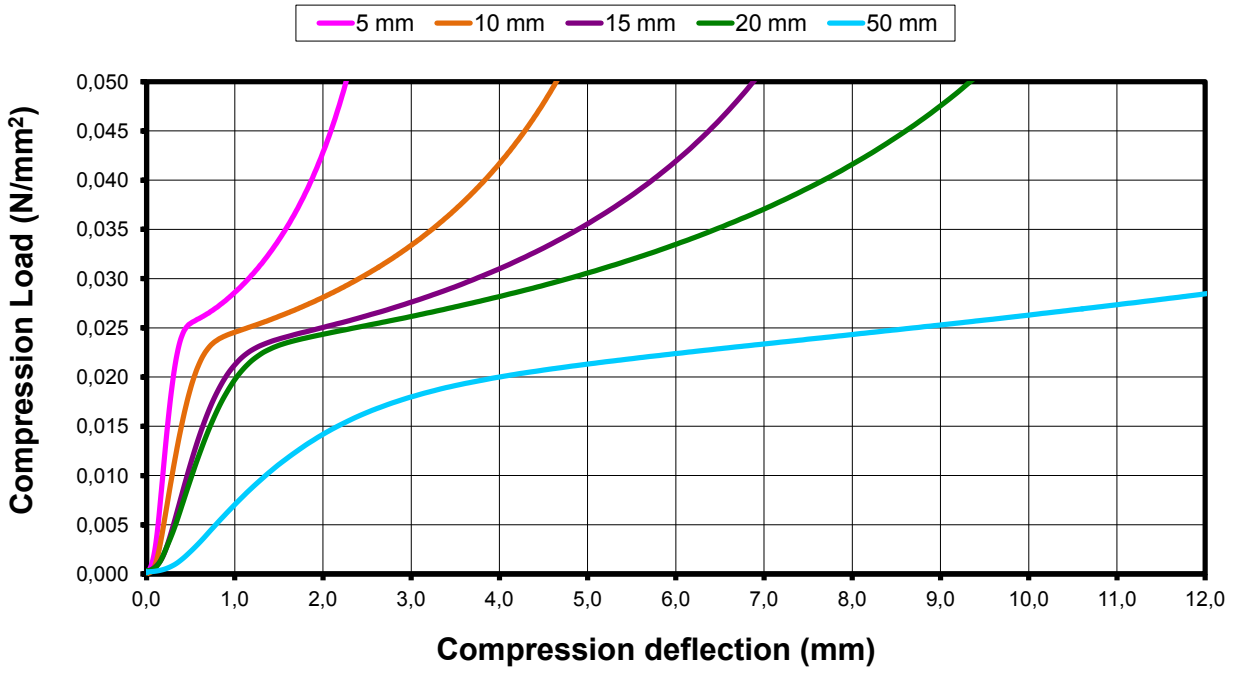
The information submitted in this data sheet is based on our current knowledge and experience. It does not imply any legally binding assurance. BPI reserves the right to update product data information without prior notice. Whenever used, the special conditions of the particular application must be taken into consideration, particularly those regarding physical, technical and legal aspects concerning construction.

Properties	Test Method	Unit	VF25
Color (core material)			Blue
Standard dimensions	Length x width	mm	2000 x 1000
(Other dim./thickness by request)	Thickness	mm	12,5 / 25
Surface (other by request)			nonwoven / nonwoven
Max. static load	Internal	N/mm ²	0,025
Max. total load	Internal	N/mm ²	0,050
Compression set	DIN EN ISO 1856 (50%, 23°, 70h, 30 min. after)	%	< 5
Tensile strength	DIN EN ISO 1798	N/mm ²	0,55
E-modulus	DIN EN ISO 1798	N/mm ²	0,24
Elongation at break	DIN EN ISO 1798	%	> 250
Hardness	Internal	Asker C	15 - 20
Angle tear	DIN 53515	N/mm	> 2,5
Compression hardness	DIN ISO 3386	25%	0,029
		40%	0,041
		50%	0,056
		65%	0,118
Pendulum rebound	Internal	%	> 40
Electrical conductivity		Mohm.cm	> 1000
Thermal conductivity		W/(m.K)	0,04 - 0,06
Water absorption	Volume swell 7 days	%	< 10
Fire properties	DIN 4102	Class	B2
	EN ISO 13501-1		E
Temperature	Operating temp.	C°	-30 +60

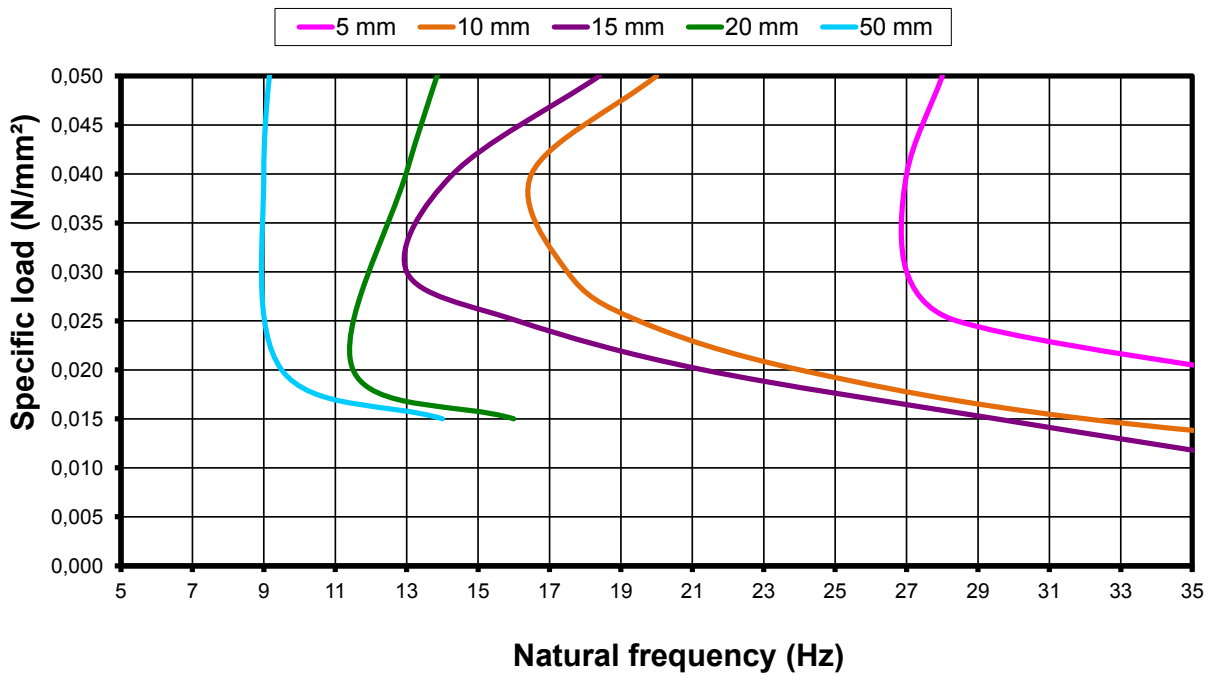
Range of use - VibraFlex® & VibraSetex®



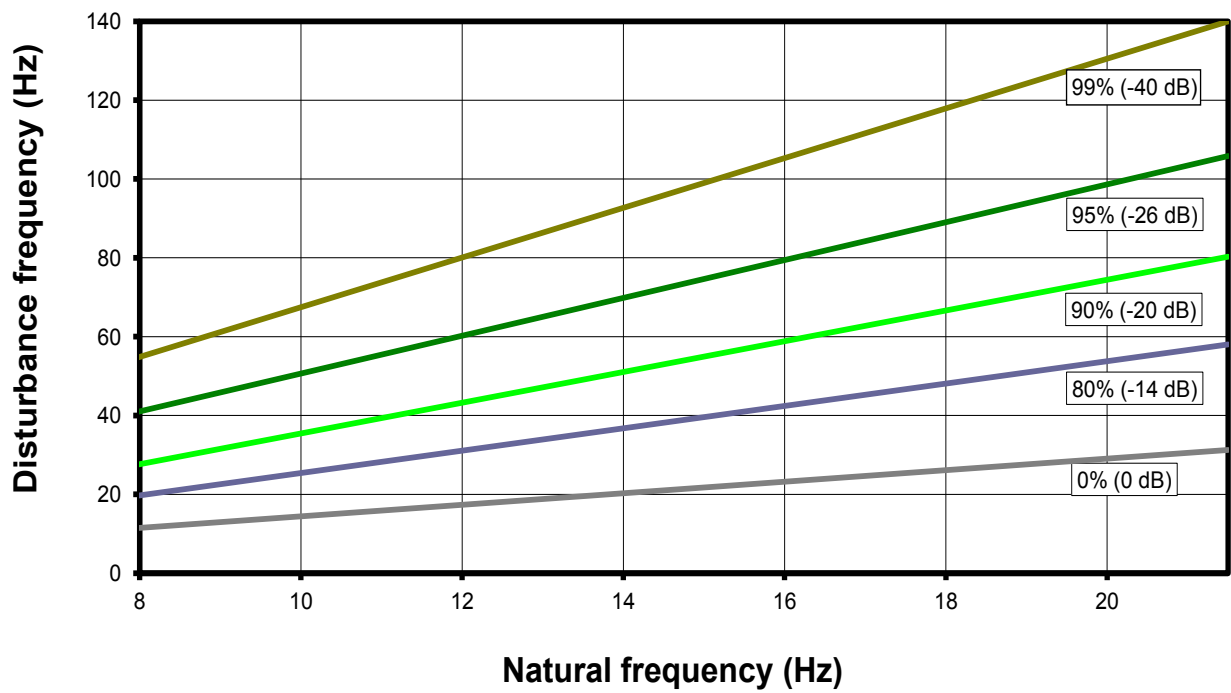
VF25 - Load Deflection Curve



VF25 - Natural Frequency



VF25 - Frequency Isolation



VF25 - DMTA

