



VOLTAFLEX[®] 2526

Composition:

VOLTAFLEX[®] 2526 is a three-ply flexible insulating material consisting of PET-fleece – PET-film – PET-fleece. The used adhesive is acid-free and temperature resistant.

Properties:

VOLTAFLEX[®] 2526 has excellent electrical and mechanical properties. The PET-fleece is porous and compressible. The PET-fleece absorbs resin when impregnated.

Application:

VOLTAFLEX[®] 2526 can be used e. g. as phase insulation in low voltage machines.

Formats:

Rolls:untrimmed width max. 1000mmTapes:from 10 mm width upwards

Storability:

VOLTAFLEX[®] 2526 can be stored unlimited under normal conditions (20° C, 50 % r. h.).

All information given here is based on currently available facts on the results of experiments performed with all due care in our laboratories. It does not in any way reduce the responsibility of the user for carrying out further tests in order to ensure successful processing and use in specific applications. ISOVOLTA AG A-2355 Wiener Neudorf Phone: +43/5/9595-0 Fax: +43/5/9595-9499 electrical-insulation@isovolta.com www.isovolta.com



Technical Data

VOLTAFLEX [®] 2526									
Properties	Test- method	Unit	Value	Value	Value	Value			
Nominal thickness		mm	0.28	0.30	0.32	0.34			
Tolerance	IEC 626	mm	± 0.03	± 0.03	± 0.03	± 0.03			
Total substance	IEC 626	g/m²	120	140	175	210			
PET-film		μm	36	50	75	100			
Breakdown voltage	IEC 626	kV	≥ 6	≥ 6	≥7	≥ 9			
Tensile strength MD TD	IEC 626	N/10mm N/10mm	≥70 ≥70	≥80 ≥80	≥140 ≥105	≥160 ≥120			
Tensile strength after folding MD TD	IEC 626	N/10mm N/10mm	≥50 ≥50	≥70 ≥70	≥105 ≥90	≥120 ≥100			
Thermal classification	IEC 216 UL 1446	°C	130 – 155 155						

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Technical Data

VOLTAFLEX [®] 2526									
Properties	Test- method	Unit	Value	Value	Value				
Nominal thickness		mm	0.36	0.42	0.47				
Tolerance	IEC 626	mm	± 0.04	± 0.04	± 0.04				
Total substance	IEC 626	g/m²	245	335	420				
PET-film		μm	125	190	250				
Breakdown voltage	IEC 626	kV	≥ 10	≥ 15	≥ 18				
Tensile strength MD TD	IEC 626	N/10mm N/10mm	≥200 ≥150	≥300 ≥200	≥350 ≥300				
Tensile strength after folding MD TD	IEC 626	N/10mm N/10mm	≥150 ≥120	≥200 ≥150	≥300 ≥200				
Thermal classification	IEC 216	°C		130 – 155					

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