

Polysite™ D280

1. GENERAL INFORMATION

Polysite™ D280 is a flexible composite in which two or multi-layers of polyester film are bonded together by special adhesive. The product has excellent dielectric properties, good thermal resistance, low water absorption and low thermal shrinkage.

2. TECHNICAL VALUES

Nominal Thickness			[mm]	0,50	1,10	1,50
Composition	IEC 60626	[mm]		2 x 0,250	3 x 0,350	4 x 0,350
Area Weight	IEC 60626	[g/m ²]		740	1530	2050
Breakdown Voltage	IEC 60626	[kV]		30	40	45

3. STORAGE AND AVAILABILITY

- Shelf life is 18 months from EXW date in original packing and under normal conditions (room temperature, 50% relative humidity)
- Standard widths are 600 and 1400 mm
- Other thicknesses and widths available on request

4. NOTES

All statements, technical information, and recommendations contained in this document are based on tests or experience that we believe are reliable. However, many factors beyond our control can affect the use and performance of a product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluates the product to determine whether it is fit for a particular purpose and suitable for the user's method or application.

Values presented have been determined by standard test methods and are average values not meant to be used for specification purposes. Tolerances on thickness and area weight are +/- 15% if not stated differently.

All questions of warranty and liability relating to our products are governed by the terms of the respective sale subject, where applicable, to the prevailing law.

Polysite™ is a trademark of MaterialPartner Technische Werkstoffe GmbH.

5. VERSIONING

Rev. 3 dated 13/08/2026