THE COMPOSITE STORE

FICHA TÉCNICA / TECHNICAL DATA SHEET

CALWAX – CALIBRATED SHEET WAX

Controlled-thickness wax sheet for patterns, moulds and composite tooling

Calibrated wax sheet used to reproducibly create a defined gap, recess or offset on the surface of a pattern. Its uniform thickness assists mould and tooling manufacture where accurate space must be reserved for laminates, inserts, coatings or other components.

PROPERTY	DESCRIPTION
Product	CALWAX calibrated sheet wax
Type	Controlled-thickness wax sheet
Primary application	Pattern, mould and tooling construction
Format	Sheets available in different thicknesses
Surface	Smooth and uniform
Conformability	Suitable for adapting to surfaces and contours, depending on thickness
Use	Creation of defined gaps or depths on a pattern

THICKNESSES / VARIANTS

0.5 mm	**0.7 mm**	**1.0 mm**	**1.5 mm**	**2.0 mm**
2.5 mm	**3.0 mm**	**4.0 mm**	**5.0 mm**	

APPLICATIONS

Suitable for composite mould construction, pattern preparation, creation of offsets, thickness definition and reservation of dimensional spaces. It may be used as a temporary aid during modelling and tooling manufacture.

FEATURES

Controlled and uniform thickness; smooth surface; easy cutting and forming; enables dimensional offsets to be reproduced consistently. Where the supplied version includes a self-adhesive backing, it can be applied directly to a compatible pattern or substrate.

METHOD OF USE

Clean and prepare the pattern surface. Cut the sheet to the required geometry, position it without unwanted wrinkles or overlaps and press evenly. Carefully butt adjoining edges when multiple pieces are used to maintain dimensional continuity.

STORAGE

Store flat in a dry location protected from direct sunlight, dust, deformation and temperature extremes. Avoid concentrated loads that may alter thickness or mark the surface.

TECHNICAL NOTE	General data sheet for the range of CALWAX thicknesses supplied by The Composite Store. Specific numerical properties—including thickness tolerances, softening temperature, sheet dimensions, density and composition—should be verified against documentation for the exact CALWAX grade before being stated as manufacturer specifications.