

## Certificate of Quality FILMOPLAST® - Colour Black

➤ **General Information**

- Single-sided pressure-sensitive special black felt, approx. thickness 120 µm
- Coated with a solvent-free, age-resistant and permanent elastic acrylic adhesive

➤ **Areas of Application**

- Non-heat bonding of woven and knit fabrics, while treating the fabrics to be embroidered with care and improving the appearance of the embroidery
- Non-heat bonding for light weight to medium weight fabrics, for fixation of small fabric pieces

➤ **Recommendations for Processing**

For acclimatization purposes FILMOPLAST® colour black should be kept in the same room where it will be processed for at least 3 hours, preferably overnight, prior to its application.

➤ **Advantages / Special Features**

- Simple and clean handling and processing
- Fast method of bonding

➤ **Technicqal Data – Carrier Material:**

<b>Carrier Material:</b>	special felt, black		
<b>Thickness [µm]:</b>	approx. 120		
<b>Weight [g/m<sup>2</sup>]:</b>	approx. 37		
<b>Performance yield [m<sup>2</sup>/kg]</b>	approx. 27		
<b>Air permeability [l/m<sup>2</sup>s]</b>	>650		
<b>Breaking force [N/15mm]:</b>	lengthwise: >19,5	crosswise:>10,0	DIN EN ISO 1924-2
<b>Tear resistance [%]:</b>	lengthwise: >2,2	crosswise: >6,0	DIN EN ISO 1924-2

➤ **Adhesive:**

<b>Adhesive type:</b>	waterborne polyacrylate dispersion		
<b>PH-value:</b>	approx. 7		
<b>Adhesive strength [N/25mm]:</b>	immediate: >1,8	10 min:>2,5	AFERA 4001

➤ **Release Paper:**

<b>Type:</b>	single-sided siliconised kraft paper,printed		
<b>Thickness [µm]:</b>	54 ± 6		
<b>Mass per unit area [g/m<sup>2</sup>]:</b>	65 ± 6		
<b>Release force [mN/cm]:</b>	25 ± 15	removal speed 300 mm/min	

➤ **Others:**

<b>Handling/Storage:</b>	18° to 25°C; 40-65% relative humidity		
<b>Shelf Life[Years]:</b>	2		
<b>Temperature Stability:</b>	-20°C to +50°C	bonded to aluminum	

All tests were performed under standard climatic conditions according to 23/50-2, DIN 50014. The specifications of all technical information are based on findings in practical experience. Because of the high number of influencing factors for handling and application, customer testing is necessary and vital. The customer bears the risk for the application of this product. We only bear the costs for defects up to the amount of the purchase price; therefore we do not accept liability for direct or indirect damages. All information which has been provided, only describe products and is not to be regarded as assured properties in the legal sense. Properties and specific information may be subject to change without further notice. Errors and changes excepted.