



MV- POLYURETHANE FILM

DESCRIPTION

MV- FILM is a 25 micron thermo bonding polyurethane multilayer film. By bonding MV- film to the surface of the substrate, e.g., to the open cell structure polyurethane foam, the film gives better waterproof, fluids and liquids proof, better light and UV resistance, improved plasticizer resistance.

MV-FILM has an excellent bonding on PU foams and textiles.

GENERAL PROPERTIES

Property	Units	Typical values
Compound	Thermoplastic polyurethane	
Adhesive layer (A)	TPU-ES-based	
Barrier layer (B)	TPU-ES-based	
Melting range	°C	A: 70-85 B: 145-155
Vicat softening temperature (VST)	°C	A: 40 B: 74
Glue line temperature	°C	110-140
Thickness	µm	25 (12,5/12,5)
Density (calculated)	kg/dm ³	1,2
Breaking strength	MPa	> 25
Elongation at break	%	> 500
Color		Black

Annotation: This material information has been received from NMC Cellfoam's vendor who is the manufacturer or distributor of these materials. These values are typical values. The information contained herein reflects results of tests carried out objectively and given in good faith. They do not imply a commitment on our or our vendor's part and are subject to change. The choice of these materials and products will have to be validated by relevant tests and experiments representative of use at the end usage. This information is based on our actual knowledge. However, it does not constitute a guarantee of our or the manufacturer's product's characteristics and does not engage in any case our liability. This information on the product is presented to our and our vendor's best knowledge.

