mekoprint

Comparison sheet

Insulation films

	Polycarbonate	Polyester	Polypropylene
Cutting options	Well-suited for die-cutting. Laser-cutting is not recommended due to the risk of burning, burring, or discoloration.	Suitable for both die-cutting and laser-cutting, producing clean edges without discoloration.	Can be cut to shape using die-cutting tools. Laser-cutting is not recommended due to the risk of melting and rough edges.
Bending options	Bends well and maintains shape.	More flexible than polycarbonate and retains shape with minimal memory loss.	Can be bent but tends to return to its original shape, making it harder to maintain a fixed angle.
Printing options	Optimised for screen printing.	Requires special screen inks.	Requires a primer or corona treatment to improve ink adhesion due to low surface energy.
Adhesive pad attachment	Strong adhesion with standard adhesives.	Strong adhesion with standard adhesives.	Requires specialized adhesives due to low surface energy.
UL-rating	Can achieve up to UL94 V-0	Can achieve up to UL94 V-2	Can achieve up to UL94 V-0
Typical material brands	Lexan™ FR Formex N3	Melinex® Mylar®	Formex™ GK, GS, GL

Mekoprint A/S | Hermesvej 2 | DK-9530 Støvring
www.mekoprint.com | info@mekoprint.com