

Technical Data Sheet

D5140 Easy to debond Double-coated PSA

Features

- Easy to convert
- Excellent damping
- Formulated for parts reworkability by disassembling starting at 70°C
- Only simple hand tools needed to debond PSA
- Formulated for lower adhesive residue

Structure

• Carrier	Hybrid foam core	
• Adhesion type	Modified acrylic adhesive	
• Appearance	Black	Visual inspection
• Total thickness	400 µm	Modified ASTM D3652

Properties

• 180° Peel Strength	2,700 gf / 25 mm (Close) 2,000 gf / 25 mm (Open)	Modified ASTM D3330 (SUS304) Modified ASTM D3330 (SUS304)
• Static shear	No slip	Modified ASTM D3654
• Push out strength	Excellent ¹	
• Temperature humidity	Pass	55°C, 85% RH, 500 hrs
• Temperature resistance	Excellent ¹	

¹ Pente Grading: Excellent – Good – Normal

Applications

- Component attachment (e.g. lens, side key)
- Housing / Mid-frame assemblies (e.g. bezel, frame)
- Touch display module / Cover Glass to Housing assemblies

NOTES: The data and recommendations related to the products above are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, the user must evaluate it and determine if it is suitable for the intended application. Pente-m Solutions, LLC. makes no warranties for suitability of a particular purpose. User is responsible for determining whether the product is appropriate for a particular purpose and suitable for user's application. Please note that many factors can affect the use and performance of a product in a particular application. For additional information or support, please contact us.