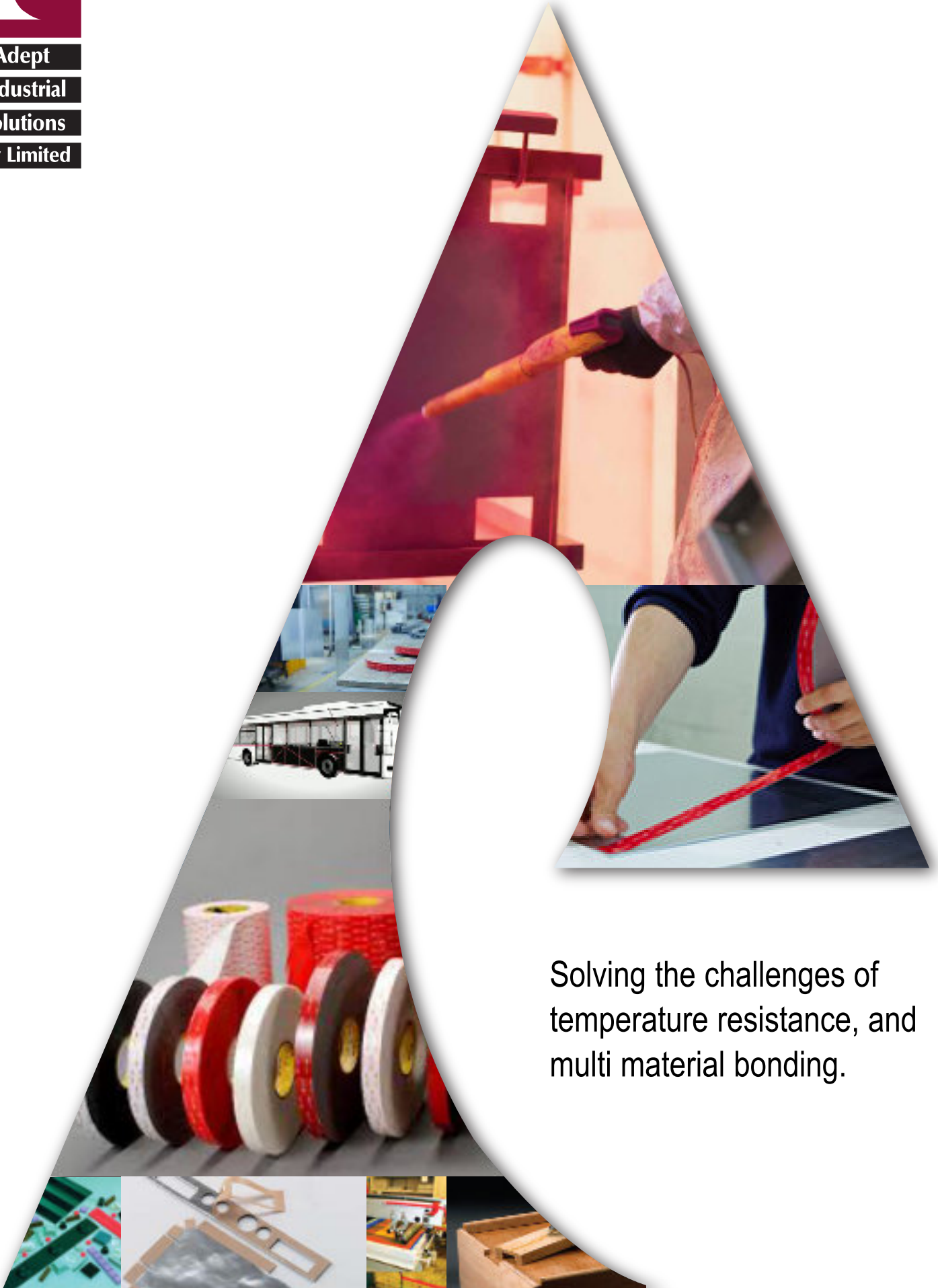


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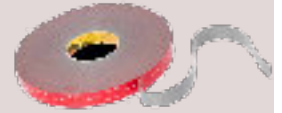
3M VHB Tapes GPH Series



Solving the challenges of temperature resistance, and multi material bonding.

3M™ VHB Tapes GPH Series

The next generation.



Solving the challenges of temperature resistance, and multi-material bonding.

The new 3M VHB Tape GPH series is a permanent bonding solution that can replace traditional mechanical fasteners and liquid adhesives in challenging, high temperature applications. It uses a conformable, acrylic foam core to provide a good balance of strength and conformability. The 3M VHB Tape GPH series has excellent temperature resistance, making it ideal for permanent bonding where high temperature tolerance is needed, including applications that undergo a powder coat or liquid painting process.

Features

- Good adhesion to high and medium surface energy materials (metals, glass, plastics) as well as many coated or painted surfaces.
- Excellent temperature resistance (short term 230°C and long term 150°C).
- Good solvent resistance.
- High initial tack providing strong immediate handling strength.
- Conformable foam offers good gap filling and stress relaxation.

Powder coat and liquid painting



High temperature resistance allows it to be bonded prior to powder coat or liquid painting processes. This reduces the number of "touches", leading to a more streamlined manufacturing process.

Long-term temperature resistance



The new GPH series offers the speed and ease assembly found in 3M VHB Tape, even in applications that require long durations of high temperature exposure.

Take on the most demanding high temperature applications with the new 3M VHB Tape GPH series.

The 3M VHB Tape GPH Series, general purpose high temperature, is a grey conformable double coated acrylic foam tape with a high initial tack and a soft foam. Its excellent temperature performance enables bonding of materials in application with high operating temperatures. Further, its capability to bond to a wide variety of substrates makes it a good fit for multi material bonding.

	3M™ VHB™ Tapes GPH Series GPH-060GF	3M™ VHB™ Tapes GPH Series GPH-110GF	3M™ VHB™ Tapes GPH Series GPH-160GF
Adhesive Type	Acrylic foam adhesive		
Thickness (acc. to ASTM D-3652)	0.60mm	1.10mm	1.60mm
Foam Density	710 kg/m ³		
Release Liner	3M branded red siliconised polyethylene film		
Tape Colour	Grey		
Temperature Resistance (long term - days, weeks)	+150	+150	+150
Temperature Resistance (short term - minutes, hours)	+230	+230	+230
Relative adhesion (Metals, Glass, MSE Plastics)	High	High	High
Relative adhesion (Coated & Painted Surfaces)	Medium	Medium	Medium

Converting

Converting to die cutting can add value to any product by increasing design flexibility and freeing designers from many constraints, resulting in higher quality finished products.



Safety First!

Do you have the right safety PPE for your employees? When involved with industrial abrasives or aerosol spray adhesives and cleaners, safety glasses or goggles, as well as a respirator may be the workplace safety you need.



To learn more about how Adept Industrial Solutions can assist your business with the right product for your application, contact Kieran or Adel at Adept Industrial Solutions on 1800 008 590.

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Freecall: 1800 008 590

www.adept-industrial.com.au

sales@adept-industrial.com.au

Please note that the technical information and data provided within should be considered representative or typical only and should not be used for specification purposes. User should evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of application.