



KS 700

Ultra high temperature polyimide pressure sensitive adhesive tape

Tygavac Tape KS 700 is a 25 micron polyimide film coated one side with a pressure sensitive silicone adhesive. No transfer of the silicone adhesive will occur because it is fully cured. It can be used at very high temperatures, ie for long periods at 270°C and for short periods up to 400°C, making it ideal for use in holding materials when moulding polyimide and thermoplastic resin systems.

Typical Properties

Nominal thickness of polyester film	0.025mm
Overall thickness	0.065mm
Tensile strength	54 N/cm
Elongation at break	70%
Peel adhesion (180°C peel against steel)	2.5 N/cm
Maximum use temperature	400°C
Adhesive	Fully cured silicone
Colour	Amber
Shelf life	12 months when stored at 22°C

Availability

25mm x 33m rolls
50mm x 33m rolls
Other widths available to special order

+ All statements, technical information and recommendations contained in this publication are based on tests believed to be reliable, but their accuracy and/or completeness are not guaranteed. The user shall determine the suitability of the product for his particular purpose and shall assume all risk and liability in connection therewith. All products are sold subject to Tygavac Advanced Materials standard Conditions of Sale.

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