

# 7170



## Product Description

7170 is a 25-micron Kapton® tape with a Therm-X silicone thermosetting adhesive system.

## Performance Features

<i>Kapton® substrate :</i>	Provides high puncture resistance and superb high temperature performance. Excellent conformability.
<i>Silicone thermoset adhesive system :</i>	Performs at temperatures up to 180°C.

## Applications

7170 has a high temperature (180°C) performance in masking and DC/fractional motor applications.

## Technical information

Insulation class (C°)	180
Backing thickness (mm)	0.025
Adhesive thickness (mm)	0.0375
Total thickness (mm)	0.0625
Tensile Strength (N/25mm)	155
Adhesion to steel (N/25mm)	4.1 (low)
Adhesion to steel (N/25mm)	5.56 (average)
Adhesion to steel (N/25mm)	8 (high)
Elongation (%)	50
Dielectric breakdown (kV)	7.5
Backing	Kapton®
Adhesive type	Silicone
Colour	Amber

Important: The performance of all adhesive products is affected by many factors: heat, humidity, type of substrate, texture, inks used, and application technique. Our suggestions and recommendations concerning the use and application of our products are based on tests we believe are reliable. However, the purchaser must test the suitability of our products for his intended use under his own operating conditions. American BiltRite Inc. Assumes no liability for claims beyond the replacement value of any defective products, and is no way for consequential or incidental damages. These products are not suitable for prolonged outdoor exposure.



Industriezone 23, B-9600 Ronse, Belgium  
tel: +32 (0)55/23.51.51 fax: +32 (0)55/23.51.61  
e-mail: info@idealabi.com website: www.idealabi.com

