

# LOCTITE ABLESTIK ATB E160-3

December 2015

**PRODUCT DESCRIPTION**

LOCTITE ABLESTIK ATB E160-3 provides the following product characteristics:

<b>Technology</b>	Dicing Tape
<b>Appearance</b>	Milky white
<b>Application</b>	Wafer Sawing Tape
<b>Typical Package Application</b>	OFN, SOIC, SO
<b>Carrier Type</b>	Polyolefin
<b>Carrier Thickness</b>	140 µm
<b>Adhesive Thickness</b>	20µm
<b>Total Thickness</b>	160 µm

**TYPICAL PROPERTIES OF UNCURED MATERIAL**

Work Life @ 23°C ± 5 °C, days	365
Shelf Life @ 23°C ± 5 °C, days	365

**TYPICAL PROPERTIES OF CURED MATERIAL****Physical Properties**

Adhesion :	
Before UV, N/20mm	15.5
After UV, N/20mm	0.1
Probe Tack, N/20mm <sup>2</sup>	6.1
Fracture Elongation, %	≥800

**TYPICAL PERFORMANCE OF CURED MATERIAL****Miscellaneous**

Fracture Strength (MD), N/20mm	≥75
25% Strength (MD), N/20mm	27

**GENERAL INFORMATION**

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

**DIRECTIONS FOR USE**

1. Ensure all surfaces to be bonded are free from surface contamination.
2. Adhesive must be completely used within the product's recommended work life.

**Not for product specifications**

The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on specifications for this product.

**Storage**

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

**Optimal Storage : 23 °C +/- 5°C**

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If

additional information is required, please contact your local Technical Service Center or Customer Service Representative.

**Conversions**

(°C x 1.8) + 32 = °F  
kV/mm x 25.4 = V/mil  
mm / 25.4 = inches  
N x 0.225 = lb  
N/mm x 5.71 = lb/in  
psi x 145 = N/mm<sup>2</sup>  
MPa = N/mm<sup>2</sup>  
N·m x 8.851 = lb·in  
N·m x 0.738 = lb·ft  
N·mm x 0.142 = oz·in  
mPa·s = cP

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