

	<b>Caution</b> This bag contains <b>MOISTURE-SENSITIVE DEVICES</b>	<b>LEVEL</b> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> <small>If blank, see adjacent bar code label</small>
	<p>1. Calculated shelf life in sealed bag: 12 months at &lt;math&gt;&lt;40^{\circ}\text{C}&lt;/math&gt; and &lt;math&gt;&lt;90\%&lt;/math&gt; relative humidity (RH).</p> <p>2. Peak package body temperature: _____ <math>^{\circ}\text{C}</math> <small>If blank, see adjacent bar code label</small></p> <p>3. After bag is opened, devices that will be subjected to reflow solder or other high temperature process must be</p> <p>a) Mounted within _____ hrs of factory conditions <small>If blank, see adjacent bar code label</small> &lt;math&gt;\leq 3^{\circ}\text{C}/60\%&lt;/math&gt; RH, or</p> <p>b) Stored per J-STD-033</p> <p>4. Devices require bake, before mounting, if :</p> <p>a) Humidity Indicator Card reads &gt;10% for level 2a - 5a devices or &gt;60% for level 2 devices when read at <math>23 \pm 5^{\circ}\text{C}</math></p> <p>b) 3a or 3b are not met</p> <p>5. If baking is required, refer to IPC/JEDEC J-STD-033 for bake procedure</p> <p>Bag Seal Date: _____ <small>If blank, see adjacent bar code label</small></p> <p>Note: Level and body temperature defined by IPC/JEDEC J-STD-020 <span style="float: right;">DescoIndustries.com</span></p>	

06732 / 47499 / 91309

**Moisture Warning Symbol and message clearly shown on label.**

Item	Description	Qty/Roll
91309	7.62 x 7.62 cm, Permanent	250

**COLOR:** White with blue printing

**SYMBOL:** JEDEC J-STD-033B

**PACKAGED:** 250 per roll, 7.62 cm diameter core

**DESCRIPTION:** The product is designed for dry packing applications; the label provides the moisture warning symbol and displays a warning message needed to complete your dry package system. The label is tamper evident, allowing you to easily monitor whether or not the MBB has been opened. The permanent adhesive label is designed for use on all Charleswater Statshield® Moisture Barrier Bags that are used in the dry packing of SMD tape and reel, quad flat pack/JEDEC trays, and component shipping tubes.

**PRODUCT SPECIFICATIONS:**

Adhesive: B-82, strong and permanent  
 Liner: 40# white Kraft  
 Facestock: 60# SemiGloss Litho  
 Service Temperature: -23 to +82°C  
 Minimum Labelling Temperature: -9°C

**INK & VARNISH SPECIFICATIONS:**

Water Resistance: Excellent  
 Grease Resistance: Excellent  
 Alcohol Resistance: Excellent  
 UV Resistance: Excellent

**FEATURES**

- 250 labels per roll
- White label with blue printing
- Coated with an ultra violet varnish for added durability
- Strong, permanent adhesive
- Labels are mounted on a 7.62 cm core for use in tape dispensers
- Tamper evident



**LABEL, MOISTURE SENSITIVE, CAUTION, JEDEC J-STD-033B**

CHARLESWATER EUROPE LTD.  
 UNIT 17, MILLBROOK BUSINESS PARK, SYBRON WAY  
 CROWBOROUGH, EAST SUSSEX TN6 3JZ UNITED KINGDOM  
 PHONE: 00 44 (0) 1892-665313, FAX: 00 44 (0) 1892-668838  
 INTERNET: www.charleswater.co.uk

Drawing Number  
**91309.E**

DATE:  
**01/07**