Interposer Module
Hot Bar Reflow Soldering/
Heat-Seal Bonding/
ACF Laminating

The interposer module is a reel-to-reel feeding device using a left and right sub-module making it independent to the Hot Bar length. The module holds a full spool of interposer on the left side and the feeder-part on the right side collects the used interposer material. An intelligent spring mechanism in the module prevents sticking of the interposer material to the Hot Bar after bonding. The tension on the interposer material is automatically controlled through a spring-operated level. The Interposer Module is available in a manual or a fully automatic configuration applicable for all Amada Miyachi Europe Hot Bar systems.

SARCON INTERPOSER (HEAT-SEAL BONDING & ACF LAMINATING)

Sarcon Interposer is used between the Hot Bar and the products. This is a common practice for Heat-Seal bonding and ACF Laminating. The Sarcon Interposer material offers several functions including protecting the Hot Bar against glass splinters and applying bond force on the overall bond area of the product, even between the tracks creating a stronger mechanical connection. The Sarcon Interposer material is flexible and compensates small product flatness imperfections occurring in production.

KAPTON INTERPOSER (HOT BAR REFLOW SOLDERING)

Kapton Interposer (polyamide) is used between the Hot Bar (Thermo-plane Thermode) and the products. In some solder applications the Hot Bar is in direct contact with flux and/or solder material causing contamination of the Hot Bar. This contamination needs to be cleaned off the Hot Bar at certain intervals to avoid temperature drops in the process. This cleaning process may cause wear of the Hot Bar and to prevent Hot Bar wear and save valuable production time a Kapton Interposer module can be used between the Hot Bar and the products, maintaining a high level of joint quality at the same time.
# SARCON INTERPOSER TAPE

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum tape feeding length</td>
<td>10 mm/step</td>
</tr>
<tr>
<td>Reel specification</td>
<td>Outside diameter 85 mm, 6 mm mounting hole</td>
</tr>
<tr>
<td>Sarcon tape width</td>
<td>5 mm</td>
</tr>
<tr>
<td>Sarcon tape length</td>
<td>10 meters</td>
</tr>
<tr>
<td>Sarcon tape thickness</td>
<td>0.45 mm</td>
</tr>
<tr>
<td>Material type</td>
<td>Aluminium oxide filled silicon rubber</td>
</tr>
<tr>
<td>Material colour</td>
<td>Grey</td>
</tr>
</tbody>
</table>

# KAPTON INTERPOSER TAPE

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum tape feeding length</td>
<td>10 mm/step</td>
</tr>
<tr>
<td>Reel specification</td>
<td>Outside diameter 125 mm, inner diameter 75 mm</td>
</tr>
<tr>
<td>Kapton tape width</td>
<td>5 mm</td>
</tr>
<tr>
<td>Kapton tape length</td>
<td>200 meters</td>
</tr>
<tr>
<td>Kapton tape thickness</td>
<td>0.025 mm</td>
</tr>
<tr>
<td>Material type</td>
<td>Kapton (Polyamide)</td>
</tr>
<tr>
<td>Material colour</td>
<td>Brown</td>
</tr>
</tbody>
</table>

*) excluding mounting reels

Sarcon and Kapton Interposer tapes can be used for the MIYACHI EAPRO Desktop Series, Stand-alone Series, Emerald Series and all Customised Systems

---

AMSADA MIYACHI EUROPE
Lindberghstrasse 1 • DE-42179 Puchheim, Germany
T: +49 (0) 89 63 34 030 • F: +49 (0) 89 63 34 038
infoe@amadamiyachi.eu • www.amadamiyachi.europe.com
ISO 9001 Certified Company

**EUROPE**
Amada Miyachi Europe BV
Heemstede, The Netherlands
T: +31 (0) 483 543 375
infoe@amadamiyachi.eu

Amada Miyachi Europe Kft.
Budapest, Hungary
T: +36 1 437 6575
infohu@amadamiyachi.eu

Amada Miyachi Europe
Derby, United Kingdom
T: +44 (0) 1332 361 238
infouk@amadamiyachi.eu

**AMERICAS**
Amada Miyachi America Inc.
Morristown, NJ, USA
T: +1-973-333-5377
info@amadamiyachi.com

Amada Miyachi do Brasil Ltda.
Sao Paulo, Brazil
T: +55-11-4183-1187
antonia.noir@amadamiyachi.com

**ASI**
Amada Miyachi Co., Ltd.
Noda, Japan
T: +81-477-781-1511
sales@amadamiyachi.com

Amada Miyachi Shanghai Co., Ltd.
Shanghai, China
T: +86-21-6444-4000
zonghuan@msc.miyachi.com

Amada Miyachi Vietnam Co., Ltd.
Ho Chi Minh City, Vietnam
T: +84-8-3771-9977

All data, images and text are subject to change at any time. Amada Miyachi Europe GmbH reserves the right to change, modify, delete and add technical specifications and product details at any time without prior notification. © 2015 Amada Miyachi Europe GmbH.