

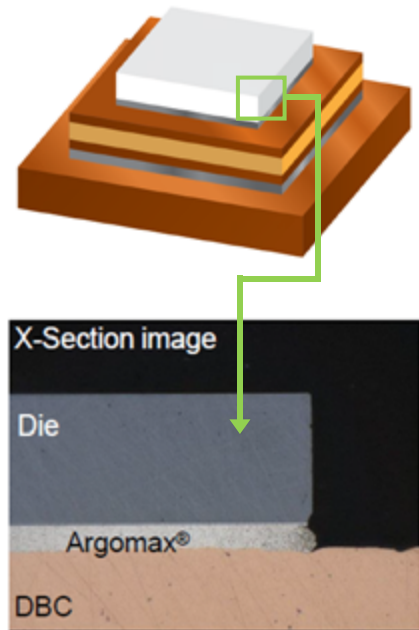
ARGOMAX® ACCULAM™ 8022

For faster processing times and more accurate placement of Argomax sinter films

Argomax® Ag sintering films are engineered to enable high volume manufacturing for die attach using a low-pressure sintering process.

Argomax films are formulated using highly engineered silver-based nano particles, manufactured in-house by MacDermid Alpha. Our nano silver particles allow for low pressure, sintering, consistent bond lines, and high throughput manufacturing.

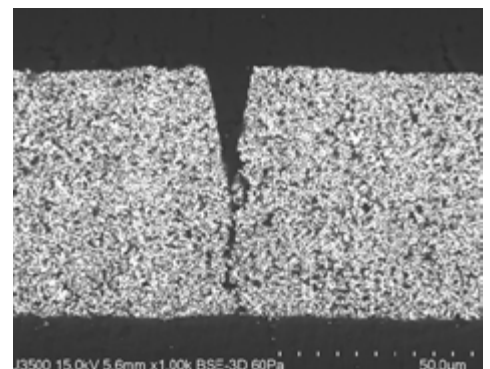
Argomax AccuLam™ is a pre-cut film that allows for a precise, repeatable removal of the Argomax layer from the release liner and is provided in customer dimensions. The AccuLam 8022 is ideal for use in either a die attach, or spacer attach application.



Argomax attached to die and DBC before sintering to show Argomax placement accuracy with AccuLam.

HIGHLIGHTS

- Pure Silver high-density joining layer for high reliability and performance
- High thermal and electrical conductivity allow for more current carrying capacity than traditional solders
- AccuLam pre-cut film allows for lower TCO in production than standard Argomax film products
- Sinterable to Ag and Au surfaces
- Patterned film format to match process size requirements
- Consistent bond line thickness control



Pre-cut Argomax film allows for more accurate Argomax placement onto the die or spacer. The material is pre-cut to enable more consistent release from the backer/carrier film.

ARGOMAX[®] ACCULAM[™] 8022

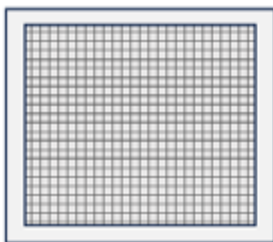
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OTHER KEY FEATURES/BENEFITS OF ACCULAM

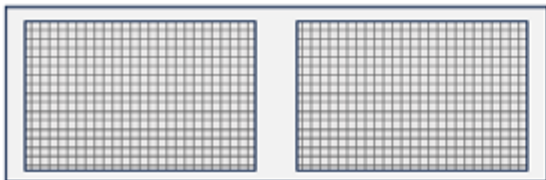
- Pre-cut film allows for a precise attachment to either a die or a spacer
- No printing and drying equipment necessary: Less capital cost compared to sinter paste
- Long shelf life at room temperature allowing for ease of use
- Sinterable to Ag and Au surfaces for maximum application flexibility

ARGOMAX[®] ACCULAM[™] ADVANTAGES

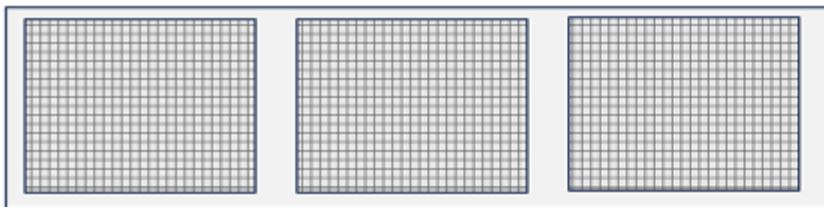
- Argomax AccuLam is available in 3 sheet sizes
- The hashed area is specified by the customer to match their die size application requirements
- Argomax AccuLam film is available in a 65um thickness for a 20um nominal bondline
- Additional sheet sizes are possible but subject to approval



97 x 97 total sheet



205 x 63 total sheet



248 x 67 total sheet

**Contact MacDermid Alpha for layout information*