



Microbraz® Brazing Sheet.

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Non-Adhesive Sheets of Brazing Filler Metals

Description:

A plastic bonded flexible Microbraz® Brazing Sheet for high-temperature service applications. There is no adhesive, paper, or plastic to remove or get in the way.

Laboratory and production tests have indicated that this material has wetting and flow properties equal to that of normal Brazing Filler Metal applications. Increasing the holding time at brazing temperature will increase joint ductility and strength. The filler metal sheet can be cemented to the base metal by using Microbraz® Cement.

The sheet can be pressed into honeycomb core by ironing in with a roller or flat sheet and the honeycomb can then be spot welded directly to the backup strip without any filler metal under the core

Weight: Approximately 125 grams per square foot for 0.010" thickness.

Thickness: 0.127 - 0.762 mm (0.005 - 0.030")

Availability:

All standard Microbraz® Brazing Filler Metals are available in sheet form. Standard width range from 12.7 - 254 mm (0.5 - 10"). Also available in transfer tape, a similar product which has adhesive on one side.

Recommended Uses:

- For thin-material sections, used on applications such as sandwich structures or flat-plate-type heat exchangers. Microbraz® 30 and Microbraz® 50 are suited well for honeycomb brazing, due to their low-diffusion rates, and good wetting and flow properties.
- Where pre-application of the Brazing Filler Metal to flat surfaces is desired.

Advantages:

- Ease of application - just cut and install. Die blank your sheet into any configuration to match brazed details.
- Uniform and consistent filler metal application.

Safety:

When handling metal powder alloys, avoid inhalation or contact with the skin or eyes. Conduct application operations in a properly ventilated area. For more information, consult, OSHA Safety and Health Standards available from U. S. Government Printing Office, Superintendent of Documents, P. O. Box 371054, Pittsburgh, PA 15250, and the manufacturer's Material Safety Data Sheet (MSDS). Read and understand the manufacturer's material safety data sheet before use.

The information provided herein is given as a guideline to follow. It is the responsibility of the end user to establish the process information most suitable for their specific application(s). Wall Colmonoy Corporation (USA) assumes no responsibility for failure due to misuse or improper application of this product, or for any incidental damages arising out of the use of this material.

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