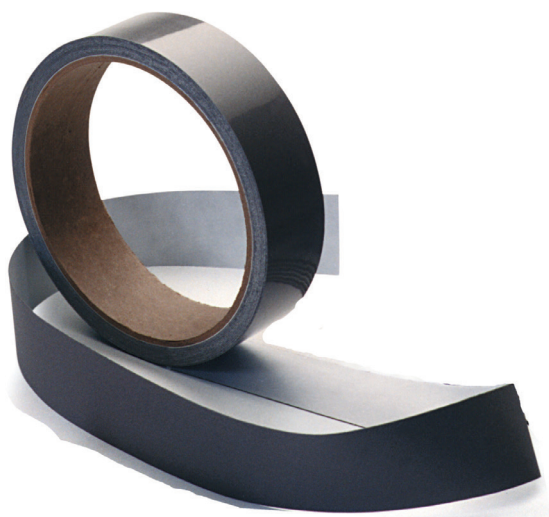




Microbraz® transfer tape.

Microbraz® Transfer Tapes

Self-Sticking Tape of Brazing Filler Metals

Description:

Transfer Tapes provide an easy method for applying Brazing Filler Metals prior to furnace brazing. They are made of high quality alloy powders, processed with a special binder in the form of thin sheets, of precise thickness. In this way, users can closely control the amount of alloy being applied to a given area. One side of the Transfer Tape has pressure-sensitive adhesive on it. The other side is lightly fixed to a polyethylene film, which is peeled off after application.

Transfer Tape provides Brazing Filler Metals in an economical form which can be applied quickly and easily. In this form, the quantity applied is closely controlled, very uniform, and not subject to variations due to operator technique. Materials can be accurately placed, and can be applied to areas inaccessible by other methods. No special tools or training are required for application. As application is all dry, work areas remain clean and free of odor and there is no running or dripping of material. Transfer Tape can be applied automatically for high production parts.

Materials And Sizes Available:

Any of the Microbraz® alloys can be supplied as Transfer Tape. Practically any powdered metal supplied to us from any source, can be made into transfer tape.

The Tape is supplied in thicknesses of .005 - 0.030", (0.127 - 0.762 mm) as specified. Thicker coatings can also be obtained by applying more than one layer. Standard widths range from 0.25 - 10" (6.35 - 254 mm).

Physical Properties:

Data on composition, melting point, joint properties, and other engineering information, are available for each filler metal.

Microbraz® Transfer Tapes are made with high-purity, non-ash-forming binders and adhesives that vaporize completely during the furnace cycle.

Application Instructions:

1. Cut to size, using scissors or paper cutter. If extremely accurate measurements or complex shapes are required, die-cut Transfer Tape pre-forms can be used.
2. Remove the release paper. This exposes the pressure-sensitive surface.
3. Position and press in place. Pressure can be applied by fingers, rubber roller, or other devices.
4. Peel off the transparent backing film, using a quick continuous peeling motion.

5. Trim, if necessary, using a sharp tool.
6. Two or more layers may be applied when necessary to achieve a thicker layer.

Microbraz® Cement 320/520 Thinner readily dissolves the coating for removal, if required, and for clean up tools.

Brazing should be done using temperatures and atmospheres as suggested for the particular Microbraz® Filler Metal being used.

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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