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128-15

FLEXOGRAPHIC PRINTABLE UV CURABLE PRESSURE SENSITIVE ADHESIVE

DESCRIPTION: 128-15 is a flexo-printable, UV curable, flexible, ultraviolet-cured pressure sensitive adhesive. This material can be used on a variety of substrates including but not limited to polycarbonate, treated and untreated polyesters, Kapton, epoxy/glass PC boards, glass, stainless steel, aluminum, and copper. The possible applications for 128-15 include electronic circuitry, nameplates, and lamination.

ADVANTAGES:

- ❖ High peel strength
- ❖ Heat and humidity stable
- ❖ Fast UV cure, no VOC
- ❖ Suitable for high-speed printing

PROPERTIES:

Color	Colorless
Viscosity (cps)	Approx. 8,500
Volume Resistivity (Ω -cm)	$> 1 \times 10^{12}$
Solids Content (%)	100
Peel Strength (lb./in)	3 – 5
Sheer Strength (min/lb.)	> 5
Specific Gravity	1.13

SUGGESTED HANDLING & CURING: Material is ready to use as received. Cure using a 200 – 300 watt/inch mercury vapor lamp. Speed of cure will vary depending upon available energy. Typical cure time ranges from a few seconds to 1 minute when work is positioned 6 – 10 inches from lamp. Faster curing can be accomplished by moving lamp closer to work or increasing lamp intensity. When applying two layers, it is sometimes desirable to under cure the first layer so as to improve interlayer adhesion. End user is advised to experiment with intensity, speed, and distance for optimal properties.

STORAGE: Shelf Life: 12 months at 25°C in unopened container.

SAFETY and HANDLING: Use with adequate ventilation. Keep away from sparks and open flames. Avoid prolonged contact with skin and breathing of vapors. Wash with soap and water to remove from skin.

All technical information is based on data obtained by CMI personnel and is believed to be reliable. No warranty is either expressed or implied with respect to results or possible infringements on patents.

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