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♦ TECHNICAL BULLETIN ♦ TECHNICAL BULLETIN ♦ TECHNICAL BULLETIN ♦

UV 4041, UV 4042, UV 4043 Ultra Violet Curable Pressure Sensitive Adhesive Series

DESCRIPTION

UV 4041, 4042 and 4043 are single component, clear, non-yellowing, polyurethane based, pressure sensitive adhesives which are cured quickly and efficiently under a UV light source. Three formulations for a wide range of applications.

UV 4041: Low pressure, sensitive tack

UV 4042: Medium tack

UV 4043: High tack

APPLICATIONS

Paper
Glass
Plastic
Metals

LIQUID CHARACTERISTICS

Resin.....Polyurethane
Viscosity.....2800 cps
Specific gravity.....1.1
Color.....Clear

CURED CHARACTERISTICS

Temperature range..... -60 to 200F
Tensile strength..... 600psi
Elongation..... 150%

- Very flexible
- Excellent resistance to chemical attack

TYPICAL CURING CHARACTERISTICS

Full cure (2mil film): 5 seconds, @ 300 watts/in @ tuned wavelength

BENEFITS

- Cures in seconds to increase productivity and reduce in process inventory
- UV cure keeps parts cool
- Process flexibility, only cures when exposed to UV light
- One component, no mixing, no waste
- 100% resin system - No VOC's

STORAGE

Store UV adhesives in original containers, away from light. Keep tightly capped while not in use. Do not return unused product to original container.

SPECIFICATIONS

All data contained on this sheet are for comparison purposes only. Actual values may differ due to variables beyond our control. Contact an RBC representative for assistance and further specifications on this material