

Film/Foil Laminating Adhesive

Formulation No: K4 – 1, Status Code A

Ingredients		w/w
Elvacite® 2044		36.00
Methyl Ethyl Ketone		54.00
"Bakelite" VMCC Vinyl Chloride-Acetate Resin		4.01
Toluene		<u>5.99</u>
		100.00
Solids	% w/w	40.0
	% v/v	33.3

Typical peel strength, 90°, polystyrene/aluminium foil, g/in = 500

Adhesive applied with a 38 micron bird applicator to 25 micron uncoated, zero-temper, soft aluminium foil, air-dried 3 hours, and heat-sealed to 100 oriented polystyrene film at 250°F under 77 psi pressure for a dwell time of 1.5 second; peel strength for 0.5in strips determined on Instron tensile tester @ 2in/min cross-head speed.

Preparation

Dissolve "Bakelite" VMCC and Elvacite® 2044 in MEK and dilute with Toluene.

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