



Technical Data Sheet MEDCRYL™ 0460

DESCRIPTION

MEDCRYL™ 0460 is a single-pack; high performance; self-cross-linking solvent borne acrylic pressure sensitive adhesive for medical tapes and bandages that cures at moderate temperatures upon complete solvent removal. At room temperature, full cure may take up to 24 hours.

APPLICATION

MEDCRYL™ 0460 is most suitable to produce medical grade tapes and bandages. It has a very good anchorage on fabric, non-woven etc. to produce medical tapes and bandages.

TYPICAL TECHNICAL SPECIFICATIONS

Test	Method	UOM	Observations
Appearance	Sight	Visual	Hazy viscous liquid
Solids	Temp. 120°C (1 Hour)	%	58 ± 2
Viscosity	RVD11/Sp.No.5/10rpm at 25°C	Poise	30 to 60
Peel Adhesion	PSTC 101	gms/25mm	350 ± 10%
Shear strength (25x25mm), 1kg load	PSTC 107	Hrs	NA
Rolling Ball test	PSTC 106	cm	3 - 4

(*) Evaluated on 25-micron PET film coated with 27±2 gsm

FEATURES and BENEFITS

- Ready to use: No need to mix
- Gentle and soft adhesion to the skin
- Repositionable with minimal pain on removal
- Conformable and flexible
- Non irritating, non-sensitizing, skin friendly

INSTRUCTIONS FOR USE

MEDCRYL™ 0460 should be used with proper coating equipment to the substrate. It is important that the solvents be dried efficiently in the coating machine, otherwise residual solvents could lead to a decrease in the technical characteristics of the finished product comparing to the technical specifications. Proper care should be ensured during coating process with effective ventilation.

This information and any technical advice, whether verbal or written or by way of trials – are given in good faith, but without warranty; this also applies where proprietary rights of third parties are involved. The advice given does not release the user from the obligation to check its validity and to test the suitability of our products for the intended processes and uses. The application, use and processing of our products, even if made on the basis of our technical advice, are beyond our control and therefore entirely under the sole responsibility of the user.

Date of Creation 1st January 2024



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MEDCRYL™ 0460 adhesive can be mixed with different solvents such as; ketones, aromatic hydrocarbons & esters. Mix of aliphatic hydrocarbons can also be used for dilution. Solvents must be anhydrous.

PACKAGING

MEDCRYL™ 0460 adhesive is supplied in 200 or 225 kgs, non-returnable drums.

STORAGE

MEDCRYL™ 0460 is recommended to be stored in a cool place, protected from direct sunlight and heat sources, at temperatures below 35°C. Keep material in tightly closed containers to prevent loss of solvents.
Use within 6 months from production date (unopened and in the original packaging).