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114-29

PAD PRINTABLE RADIO OPAQUE INK

DESCRIPTION: 114-29 is a two component, pad printable, radio opaque ink/coating for application by pad printing, dipping and syringe dispensing. The product features excellent adhesion to pretreated polyethylene, and polypropylene, as well as to some varieties of pretreated polytetrafluoroethylene. This material will also adhere to Polyurethane, polyamide, melamine, phenolic resins, metal, and glass substrates. Unlike conventional conductive materials, this product is very resistant to abrasion, scratching, flexing and creasing. Some applications for 114-29 include, but are not limited to, manufacturing of medical devices and instruments.

TYPICAL PROPERTIES:

Viscosity (cps)	Thick Liquid
Percent Filler (cured)	> 95
Crease Resistance	Excellent
Hydrolytic Stability	Excellent
Useful Temperature Range (°C)	-55 to 200
Mix ratio (by weight)	100 (Part A) 2.5 (Part B)
Pot Life, Min. (room temperature)	7 Hrs.

CURE SCHEDULE:

	<u>22°C</u>	<u>120°C</u>
Handling	25 min.	3 min.
Full Cure	12-16 days	2 Hrs.

SUGGESTED HANDLING & CURING: Prior to use, be certain to mix well to resuspend filler. Mix parts A, and B as prescribed above. Further thinning may be accomplished by adding small amounts of CMI thinner # 113-39, 114-20 and/or 114-28. End user is advised to experimentally determine temperature and time best suited for individual applications.

STORAGE: Shelf life: 6 months at 25°C.