

PREMIUM RESIN TECH.

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HIGH TEMPERATURE ALUMINUM FILLED SURFACE COAT

RDR-1302 / RDH-9302, RDH-9106

Resin / Hardener(s)

MIXING RATIO: 100:16

RDR-1302 is a high temperature, room setting epoxy surface coat. RDR-1302 has good vertical hang up, yet applies easily with a brush, making it especially versatile. It is also highly polishable. RDR-1302 was specifically formulated for nickel mandrels, but will work well in a variety of applications.

TYPICAL PHYSICAL PROPERTIES

Used w/:	RDH-9302	RDH-9106
Color	Gray	Gray
Pot Life @ 72° F (200g mass)	14 minutes	60 minutes
Viscosity	gel	gel
Ratio by Weight	100 pbw to 16 pbw	100 pbw to 16 pbw
Flexural Strength @ 72° F	15,000 psi	16,000 psi
Tensile Strength	9,500 psi	10,000 psi
Compressive Strength	15,000 psi	16,000 psi
Heat Distortion	350°F	350°F
Hardness, Shore "D" @ 72° F	90	90
Shelf Life Resin / Hardener	1 year	1 year
Machinability	NA	NA
Cure Schedule	24 hours	24 hours

Recommended Post Cure: If tool is used at high temperature.

Upon Completion, the tool should be allowed to cure at ambient temperature for 24 hrs. Post cure cycle should be 50 degrees per hour (Tool Temperature, not air Temperature). Not more than 5 degrees per min.

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