

DIE CASTING LUBRICANTS

DIE SLICK® 1850 A SERIES LUBRICANT APPLICATION SHEET

BENEFITS

- » Reduces solder
- » Produces bright clean castings
- » Enhances release and wetting characteristics

APPLICATIONS

DIE SLICK®1850A series is formulated as a concentrate designed for excellent release and bright cosmetic casting finish. DIE SLICK®1850A is a synthetic petroleum free formulation blended specifically to meet customer's production environment and incorporating state of the art Smart Polymer™ technology. DIE SLICK®1850A with Smart Polymer technology is a thermodynamically reactive (heat activated) polymer blend which forms a tough barrier on hot areas of the die while lightly coating cooler less demanding areas. This unique property translates to reduced solder, enhanced release and wetting characteristics while producing bright clean castings.

ALLOY	DILUTION RATIO*	DIE TEMPERATURE RANGE
ALUMINUM	80-200 : 1	350-675°
ZINC	80-200 : 1	350-675°
MAGNESIUM	120-240 : 1	350-675°

* The dilution ratios are recommendations based on G.W. Smith & Sons experience in the field. Each Die Casting facility is unique and each operator should evaluate the recommended starting ratio based on his / her experience.

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PACKAGING AND STORAGE

Please see SDS for more detailed information.

PROPERTIES

PROPERTIES	TYPICAL VALUES
Appearance	White Emulsion
Odor	Mild
Flash Point	N/A
Density (lbs/gal)	8.0 - 8.2 lbs/gal
pH	8.4- 9.4