

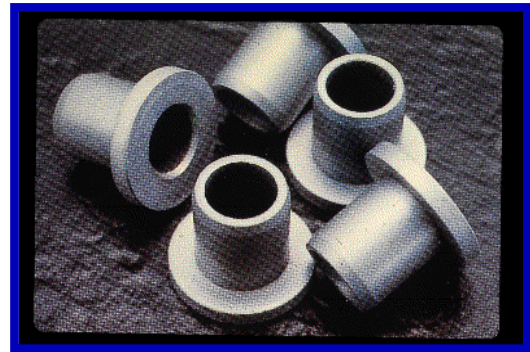


Glass forming tools. This nodular deposit performs well in applications requiring release & abrasion resistance.

SPLATTER GUARD is one of Techmetals latest advances in coating technology. This hybrid version of TM 107 is a very hard coating that provides exceptional wear, corrosion resistance, and release. One distinct characteristic of SPLATTER GUARD is the deposit conforms to the base metal. Thickness is typically .0001”-.001”, although it may be varied slightly outside of these parameters to meet your needs.

USER BENEFITS

- Deposit has a unique nodular structure which provides exceptional wear, corrosion resistance, and release.
- Superior adhesion is compatible with all ferrous and many non-ferrous metals
- Hardness in excess of 70 Rockwell C
- Extremely low coefficient of friction
- Non-magnetic
- Remarkable resistance to abrasion and erosion
- Excellent corrosion resistance
- Attractive matte metallic-silver finish
- Weld splatter release
- Melting Point, 3,300 degrees F



The nodular chrome deposit retains oil like cast-iron from high wear areas.

SUMMARY

Splatter Guard is an engineered process in which a proprietary chromium alloy is deposited on the base material. This structure allows for improved wear ability & retention of lubricants.

Splatter Guard, as deposited, has a coating hardness of 66-70 Rockwell C. Splatter Guard exhibits a low coefficient of friction and anti-galling properties. In most applications, it will last 2 to 10 times longer than other parts or processes. It will not fill in or cover up blemishes or scratches.

The thickness uniformity of the deposit is maintained throughout by a strict quality control process. The finish itself has a matte appearance, which contributes to its improved wear ability.

APPLICATIONS

Splatter Guard is widely used in the tool industry with aircraft, canning & automotive and welding supply business.



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