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Since 1975



Abrasion Resistant 666

666 is a tough general-purpose nickel-chrome alloy liner with boron and silicon hardening agents. It provides a service life of at least four times that of nitrided barrels, and a hardness range of Rockwell C 60-63. 666 inlay is recommended as bore protection in medium abrasion and mild corrosion environments.

666 is compatible with most screw flight hard facing materials and metal constructions such as Colmonoy C56, C57, C83, C88 and Stellite 12. It is also suitable to be used with flame hardened and chrome plated 4140 and Nitralloy 135M.

Compared against general purpose nitride barrels, 666 provides four times longer service life.

666 is suitable for use in moderate abrasive and corrosive wear applications. The alloy is suitable and may be used with a majority of less than 10% filled resin materials processing at medium temperatures and rpm speeds.

666 is available in complete barrel assemblies, as-cast, semi-finished barrel blanks, twin liners and shrink-fit liner types.

MATERIAL TYPE	TYPICAL MATERIALS	WEAR ENVIRONMENT	INLAYS
Standard Thermoplastics	Unfilled & soft filled	Normal to soft abrasive	WEXCO 666
Common Thermo-set Compounds	Soft-filled Phenolics Unfilled Polyesters	Soft Abrasive	WEXCO 666

Service. Expertise. Quality.