



WEXCO CORPORATION
1015 Dillard Drive, P.O. Box 4297
Lynchburg, VA 24502 USA
PH: 434-385-6006 or 800-999-3926
FX: 434-385-8387
www.wexco.com

Since 1975

Dura 686 XL™ (patent pending)

Dura 686XL™ is a (patent pending), heavy duty nickel-chrome alloy with boron, silicon and rare earth alloying agents. It is a step up from standard iron- boron inlays with increased compatibility, wear resistance and durability. 686XL is recommended in barrels processing in high rpm, abrasive and mild corrosion environments. The inlay exhibits a hardness range of Rockwell C 62-64 RC. It consists of a nickel-chrome alloy with proprietary chemistry to enhance damage resistance. It has excellent abrasion resistance, broad compatibility range and improved coefficient of friction.

Dura 686XL provides superior wear life in injection, extrusion and blow molding applications. The alloy is ideal for processes where high screw speed, short cycle time and high throughput are required. Dura 686XL offers extended life in the production of commodity resins, blow mold containers and thin wall parts. It is compatible with the majority of screw hard face flight materials such as Colmonoy C56, C57, C83, C88 and Stellite 12. The inlay is also suitable for use with hardened, chrome plated 4140, Nitralloy 135M, CPM and similar screw constructions.

In a majority of applications 686XL will provide four times longer service life when compared to nitride barrels and as much as 25% greater wear life compared to our standard 666 Iron boron alloy.

Service. Expertise. Quality.