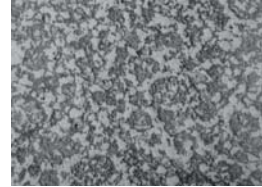




WEXCO CORPORATION
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Since 1975



Corrosion Resistant BO22

BO-22 is ideal for processing Fluoropolymers and other severely corrosive resins. It is a nickel-rich, boron-base alloy that contains molybdenum, chrome, and is nickel enriched with complex borides and carbides. The chemistry allows BO22 to maintain high temperature hardness above Rockwell C 50 at 700 degrees Fahrenheit. BO-22 bimetallic liners are made using a low temperature hot Isostatic pressing process that allows for an iron free liner with no porosities. Molybdenum and its alloying elements are superior in corrosion resistance against halogen containing elements. This reduces the acid attack on the liner as compared with conventional nickel-cobalt liners made by competing manufacturers.

555 and BO22 alloys are FDA recognized as suitable bore materials for processing plastics in food, medical and pharmaceutical applications.

BO22 is compatible with many screw flight hard facing materials and metal constructions. The majority of the time it is mated with corrosion resistant base metals - XC4000 coated or C56 hard face Inconel or other high nickel alloy.

Compared against other corrosion resistant barrels, BO22 typically provides 3-4 times longer service life.

BO22 is available in complete barrel assemblies and liners.

MATERIAL TYPE	TYPICAL MATERIALS	WEAR ENVIRONMENT	INLAYS
Corrosive compounds	Resins containing corrosive flame retardants, volatile additives	For highly corrosive or containing Halogens	WEXCO BO22
Fluoropolymers	FEP, PVDF, etc.	highly corrosive	WEXCO BO22

Service. Expertise. Quality.