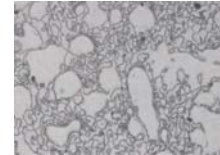




WEXCO CORPORATION
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Since 1975



Corrosion Resistant 555™

Wexco 555 is a nickel base alloy with high chromium for corrosion resistance against hydrochloric and other mild acids. It has a dual-phase microstructure with complex borides that provide excellent wear resistance. It provides a typical hardness range of Rockwell C 50-55. It is recommended for use in mild to moderate abrasive and corrosive process environments. For superior corrosion resistance select Wexco BO22™.

555 is compatible with many feed screw flight hard facing materials and metal constructions. The majority of the time it is mated with triple plated 4140, 17-4 PH stainless steel, Inconel or other high nickel alloy that is hard faced with C56.

Compared against general purpose nitride barrels, 555 typically provides five times longer service life.

555 is available in complete barrel assemblies, as-cast, semi-finished barrel blanks, single liners and twin liners.

MATERIAL TYPE	TYPICAL MATERIALS	WEAR ENVIRONMENT	INLAYS
Thermoplastics	Unfilled – FPVC , PVC	Moderate corrosion	WEXCO 555
Corrosive compounds	Resins containing corrosive flame retardants, volatile additives	Corrosive	WEXCO 555
		For highly corrosive or containing Halogens	WEXCO BO22
Fluoropolymers	FEP, PVDF, etc.	Highly Corrosive	WEXCO BO22

Service. Expertise. Quality.