



Hy-Chrome Liner

Texma's hy-chrome liner is made with a high chrome iron sleeve in a forged steel hull. The bore hardness is 60 to 67 Rockwell C scale, While the hull has high tensile strength of more than 90,000 PSI. Combining the characteristics of chrome with state of the art manufacturing, the liner can withstand mud pressure of up to 10,000 PSI. The life of our hy-chrome liner have proven to generally reach a level of more than 800 hours of service. Such performance has earned TEXMA's hy-chrome liners and outstanding reputation for extended service operations.

Ceramic Liner

Texma's ceramic liner offers longer run times and lower operating costs when compared to chrome liners. The ceramic sleeve material is manufactured from zirconia or alumina, known for their wear resistance, and has proven run times in all type of operating conditions. The outer hull material for large bore liners is manufactured from alloy steel to increase yield strength and to aid in resistance. The ceramic liner is corrosion resistant and has a smoother surface finish for reduced friction and heat.

Hardened Steel Liner

Texma's hardened steel liner is made from premium seamless steel tube or premium forged steel, in which the bore is carbonized and quenched, creating a hardened layer of rockwell C scales harness of 58 to 62, yielding excellent wear characteristics.

Chrome Plated Liner

Texma's chrome-plated liner is made from premium forged steel with a chrome-plated bore. The chrome-plated liners hashardening characteristics of 58 to 62 Rockwell C hardness, which offers an economical yet durable alternative liner solution.

DESCRIPTION		Hy-chrome Liner	Ceramic Liner	Hardened Steel Liner	Chrome Plated Liner
Material		AISI 1045 HI CR-CF	AISI 1045 Ceramic	AISI 1045 (carburized and quenched bore)	AISI 1045 (chrome-plated bore)
Hardness:		HRC59~69	HRC84~92	HRC58~62	HRC58~62
Normal Service Life time (Hr):		800	2000~4000	800	800
Operating Condition	Operating Pressure (Max. psi)	7500	7500	7500	7500
	Temperature:	20 ~ 230 °F	20 ~ 338 °F	20 ~ 230 °F	20 ~ 230 °F
	PH. (Normal.):	7.5~10.2	10 ~ 12	7.5~10.2	7.5~10.2
	Hydrogen Sulfide (Max.) ppm	22	22	22	22
	Sand Solids (Normal):	0.21% Oil Based and Oil Emulsion	0.21% Oil Based and Oil Emulsion	0.21% Oil Based and Oil Emulsion	0.21% Oil Based and Oil Emulsion

We offer additional products for requirements met by hardened or stainless steel valves, including elastomer-insert valve seats.