



ROBCO 3450



ROBCO 3450 is a high-performance, carbon yarn packing combining exceptional mechanical and chemical stability over a broad range of temperatures. It is produced from a double Inconel[®] wire inserted carbon yarn jacket braided over a solid braid, high purity, carbon yarn core, resulting in a stiff construction that withstands high pressures. A proven anodic, or sacrificial, inhibitor is incorporated to ensure complete corrosion resistance. The packing is heavily lubricated with a homogenous, smooth, graphite finish which will not break away or flake out on flexing.

Possible Applications

ROBCO 3450 is an excellent superheated steam packing up to 600°F and pressure up to 2500 psi. Considerably higher pressures may be serviced at lower temperatures. ROBCO 3450 is ideal for remote control valves requiring relatively constant friction and compressive load for optimum results. Its chemical resistance is quasi universal with a few exceptions such as oleum (fuming sulphuric acid), boiling nitric acid, aqua regia, chromic and die chromic acids and their salts which possess the highest oxidation state.

SPECIFICATIONS	
pH range	1 to 13
Temperature limit	-600°F (316°C)
Pump speeds	N/A
Pressure limit	up to 4000 psi @ 500°F
Construction	Translok braid
Material	Carbon yarn, inconel [®] wire insert
Lubrication	Graphite

in.	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1
ft./lb.	34.3	21.9	15.2	11.2	8.6	6.8	5.5	3.8	2.8	2.1