



## ROBCO 5050



ROBCO 5050 is produced from a high quality synthetic yarn that combines strength, chemical and high temperature resistance. The unusually high percentage of colloidal PTFE (polytetrafluoroethylene) it contains, fully saturates this stable yarn, resulting in a product that retains most of its original modulus up to 500°F. It does not drastically soften as temperatures increase or become vulnerable to excessive deformation (and extrusion) under high operating pressures. Its great suppleness and flexibility allows ROBCO 5050 to seal with minimum gland follower pressure, thereby reducing friction and wear on both the sleeve and/or shaft.

### Possible Applications

ROBCO 5050 may be considered a good general purpose packing that can service a broad range of chemical applications, including acids and alkalis within the specified pH range, aliphatic aromatic and naphthenic hydrocarbons, aldehydes, ketones, alcohols, petroleum oil, gases, etc.

SPECIFICATIONS	
pH range	2 to 12
Temperature limit	500°F (260°C)
Pump speeds	2,500 fpm (11.3 m/s)
Pressure limit	1500 psi (10,34 MPa)
Construction	Translok braid
Material	Synthetic yarn, PTFE, break-in-lubricant
Lubrication	PTFE, break-in-lubricant

in.	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1
ft./lb.	93.2	41.4	23.3	14.9	10.3	7.6	5.8	3.7	2.6	1.5