

Commodity- PTFE / Graphite yarn reinforced with Synthetic fibre ; UNSPSC Code:												
Selling Unit : mass-Kg												
Sr. No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation / Remarks	Unit	M	F	G	Demand Aggregation
Requirements												
1	Structure	Ch	PTFE / Graphite yarn reinforced with Synthetic fibre.	Reinforced PTFE and PTFE / Graphite yarn braided over square hollow rubber core.					√	√	√	
2	Size (mm)	N	3 to 60	12.5 to 60					√	√	√	
3	shape of cross section	Ch	square						√			
4	Temperature (°C)	N	(-) 30 To (+) 260	(-) 30 To (+) 190					√	√	√	
5	pH range	N	3 to 12	0 to 14					√	√	√	
6	Shaft speed (m/s)	N	22	5 to 13					√	√	√	
7	Max pressure (kg/cm ²)	N	60	210					√	√	√	
8	Chemical Composition	Ch	PTFE/Graphite						√			
9	Equipment	Ch	Shaft/Sleeve of High speed centrifugal and reciprocating pumps, cooling tower pumps, ash slurry pumps, water ring vacuum pumps, condensate extraction pumps, boiler feed pumps, mixers, agitator reactor vessels, rotary vacuum driers, valves, refiner and pulp transfer pumps in pulp and paper industries etc.	Shaft/Sleeve of Agitator nutch filter, agitator reactor vessels, mixers, clinker grinder, etc. In chemical, drugs, dyes, pigments, pesticides, allied process industries and power stations etc.					√	√		

10	Application	Ch	Recommended for acids, alkalis, slurry, sea-water.	Hollow Core packing is specifically designed to reduce packing wear and shaft / sleeve wear in slow rotating equipments with excess shaft run-out. Hollow Core packing resists gland follower load and excess run-out or whip in shaft. Gland adjustments and repacking are greatly reduced. Months of in-plant testing have proved that reinforced yarn packing with square hollow core will outlast conventional packing in application associated with excessive shaft deflection on large shaft. Hollow Core packing are offered as per the suitability of the application and service.						√	√		
Packing													
11	packing	Text								√			
12	Packing size	Text								√			
Shelf Life													
13	Shelf Life (months)	N	36							√			
Certification													
14	Whether certification available from any approved government agency	Ch	Yes	No						√	√		
15	If yes, indicate name of the agency (write NA if certification is not available)	Ch	Text	NA						√	√		
16	If yes, Please Indicate certification No	Ch	Text	NA						√	√		
Test Report Details													
17	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes							√			
18	Test Report to be submitted to the Buyer	Ch	Yes							√			

