

Commodity- IN-SITU MOLD HS ; 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	Composed of interlocking PTFE fibre, consumable lubricants and exfoliated Graphite for enhanced lubrication and heat dissipation.	Composed of 100% lubricating carbon fibre, exfoliated Graphite, high temperature and high pressure lubricants / proprietary synthetic binders.	Composed of interlocking PTFE fibre and consumable lubricants.				√	√	√	
2	Size	N	STICK 1/2" equilateral triangle cross section X 2 1/2" length sticks.						√			
3	shape of cross section	Ch	TRIANGLE						√			
4	Temperature (°C)	N	(-) 30 To (+)260	(-) 30 To (+)560					√	√	√	
5	pH range	N	0 to 14						√	√	√	
6	Shaft speed (m/s)	N	5	12					√	√	√	
7	Max pressure (kg/cm ²)	N	260	320	380				√	√	√	
8	Chemical Composition	Ch	PTFE/Graphite	Carbon Fibre & Lubrication	PTFE				√	√	√	
9	Equipment	Ch	Shaft/Sleeve of all types of Reactors, Pumps, Valves etc.	Shaft/Sleeve of Valves, Rotating equipments having temperature more than 300°C	Shaft/Sleeve of Low Rotating Shafts, Reactors, Valves etc.				√	√		

10	Application	Ch	Recommended for boiler feed water pumps, pulp stock paper pumps, water ring vacuum pumps, fire fighting pumps in ships, ash slurry pumps in power plants, handling hydrocarbons in petrochemical plants, agitator reactor vessels, glass lined reactors, autoclaves, vacuum driers, low pressure steam valves, flush bottom valves etc.	Recommended where shaft is scored and equipment is working at high temperature and high pressure. The inherent draw back associated with using pure carbon fibre of flexible tape/rings requiring stem/shaft finish of minimum 32 RMS is successfully overcome by using In-Situ Mold even on pitted valve stem or spindle.	Recommended for reactors, RVD's, mixers, scored shaft & valve stem etc.					√	√		
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							√			