

EXPANDED FLEXIBLE GRAPHITE YARN

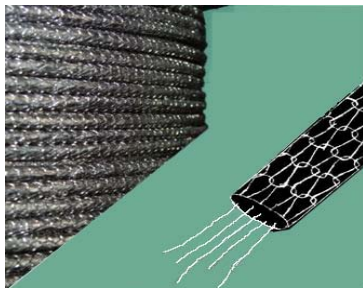
CPS1000SERIES



CPS continuous research and development of various types of yarn made from pure expanded flexible mineral graphite materials is now fully committed to the supply of a proprietary series of yarn for all mechanical gland packing manufacturers.

Specifications available: 2g/m, 3g/m, 5g/m and 10g/m.

Standard package: 5 pounds/roll or 2.5kg/roll



Expanded Flexible Mineral Graphite as basic material, mixing with natural fiber, glass fiber, synthetic fiber, metal alloy wire (respectively) and proper binding agent, then through specially designed technological process. The braided packing made of these flexible graphite yarn reinforced by different kind of fibers and metal alloy wires, are suitable for sealing under different media, circumstances, temperature and pressure. Furthermore, for using these products under severely corrosive circumstances upon the demands of customers, inhibitors of corrosion can be added into the graphite yarn for making the properties of the graphite sealing parts more perfect.





1000 系列





Style no	Reinforcing Material
1001	Cotton fiber
1002	Cotton fiber + SUS316 wire
1003	Cotton fiber + Inconel wire
1004	Glass fiber
1005	Glass fiber + SUS 316 wire
1006	Glass fiber + Inconel wire
1007	Polyester fiber
1008	Pure carbon fiber (free of ignition loss)
1009	Cotton fiber + carbon fiber
1011	Cotton fiber + External-braided Inconel Mesh
1012	Glass fiber + External-braided Inconel Mesh
1013F	Glass fiber + Multiple Inconel wire insert
1000PT	PTFE impregnated
1000INC	Multiple Inconel wire + External-braided Inconel wire (free of ignition loss)
Special reinforcing fibers, wires, and their combination can be supplied according to customer's requirement	

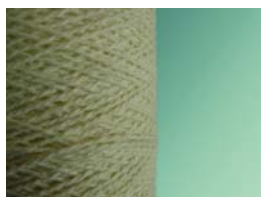
HIGH PERFORMANCE YARN FOR BRAIDED PACKINGS


<p>CPS 2300Y</p> 	<p>CPS 2300Y EXPANDED PTFE YARN</p> <p>Made of expanded PTFE resin and high temperature-resistant lubricants through special treatment, having a high strength, low creep and good self-lubrication, used for braiding of seal packings. Specifications available: 2g/m, 2.5g./m and 3g/m</p>			
	Fiber	impregation	lubricant	reinforced
	e-PTFE			

<p>CPS 2311Y</p> 	<p>CPS 2311Y PTFE FILAMENT IMPRENATED WITH PTFE</p> <p>Made of special PTFE resin impregnated with PTFE dispersion, superior to 2300Y in both strength and abrasion resistance, used for braiding of high-strength seal packing. Specifications available: 2g/m, 2.5g./m and 3g/m</p>			
	Fiber	impregation	lubricant	reinforced
	PTFE filament	PTFE	Yes	

<p>CPS 2400Y</p> 	<p>CPS 2400Y GRAPHITE/PTFE YARN WITH LUBRICANT</p> <p>Made of expanded PTFE resin quasi-nm-level high-pure powdered graphite through special process, having good compatibility of ingredients, high strength, low creep, good corrosion-resistance and thermal conductivity, used for braiding of seal packings. Specifications available: 2g/m, 2.5g./m and 3g/m</p>			
	Fiber	impregation	lubricant	reinforced
	e-PTFE	Graphite	Silicone	

<p>CPS 2600Y</p> 	<p>CPS 2600Y CARBONIZED FIBER IMPRENATED PTFE</p> <p>The material of an intermediate phase between PAN and carbon fiber, impregnated with PTFE dispersion having high strength and modulus, used for the substrate of braided packing or as the reinforcing material for sealing materials.</p>			
	Fiber	impregation	lubricant	reinforced
	Carbonized Fiber	PTFE		

<p>CPS 2710Y</p> 	<p>CPS 2710Y SPUN ARAMID FIBER IMPREGNATED WITH PTFE</p> <p>Made from spun aramid fiber through spinning and twining, impregnated with PTFE dispersion for braided packing.</p>			
	Fiber	impregation	lubricant	reinforced
	Spun Aramid	PTFE	Yes	Fiberglass

<p>CPS 2240Y</p> 	<p>CPS 2240Y ACRYLIC FIBER IMPRENATED WITH PTFE</p> <p>Made of polyacrylonitrile through surface treatment and reinforcement, impregnated with PTFE dispersion, used for braiding substrate of packings.</p>			
	Fiber	impregation	lubricant	reinforced
	Acrylic	PTFE		Fiberglass