



Graphite Yarn 石墨线

GCCSEAL series of graphite yarn are made from 5099 expanded flexible flaky graphite as basic material, mixing with cotton fiber, glass fiber, synthetic fiber, metal alloy wire (respectively) and proper binding agent. Other specification and reinforced metal alloy can be supplied on customers' demand.

金方圆密封材料有限公司所生产系列柔性石墨线是采用5099可膨胀石墨，加入粘合剂与棉纤维，玻璃纤维等经过复合机复合、切条等工序成条状，进入纺线机纺织而成。为适应不同的工况条件，可分别夹入镍合金丝、不锈钢丝和铜丝等金属材料，或者高碳纤维，合成纤维等，经特定工艺流程制成各类增强柔性石墨线。

MAIN PROPERTIES 成分

Sulfur Content 硫含量	< 1200 ppm
Low-sulfur Content 低硫含量	< 300 ppm
Chlorine Content 氯含量	< 50 ppm
Carbon Content of Graphite 碳含量	≥ 99%
Ash Content 灰分	< 0.5%

STAPLE SPEC 规格

Specification 规格	2 g/m	3 g/m	4 g/m	5 g/m
Diameter 线径	1.5 mm	2.0 mm	2.5 mm	3.0 mm

PACKAGE 包装:

In coils of 5kg, 10kg, other packages on request. Supply OEM products.
5公斤/卷，10公斤/卷。其他包装依照客户要求。

JFY-1170 Graphite Yarn Reinforced by Carbon Fiber Core 高碳增强石墨线

Mixed with carbon fiber inside, not only reduces ignition loss effectively (600°C/1.5h loss on ignition < 6%), but also to ensure handle the high temperature applications. SS304 and other metal alloy wire also can be supplied on customers' demand.

特殊工艺制成的高碳纤维辅线增强结构，有效降低了石墨线的烧失率 (600°C/1.5h烧失率 < 6%)，提高产品在高温高压下的强度，为优质盘根编织推荐材料。为适应不同的工况条件，也可夹入茵苣镍丝、不锈钢丝或铜丝等金属材料。

JFY-1170F Graphite Yarn Reinforced by Carbon Fiber Core (600°C/1.5h, loss on ignition < 3%) 无烧失高碳增强石墨线 (600°C/1.5h烧失率 < 3%)

Compare with 1170, it has the similar performance, but less ignition loss. 经过特殊处理之后使得石墨线的烧失率更低。

PACKAGE 包装:

In coils of 5kg, 10kg, other packages on request. Supply OEM products.
5公斤/卷，10公斤/卷。其他包装依照客户要求。

Types of reinforced fiber for graphite yarn: 石墨线增强纤维类别:

JFY-1110	Graphite Yarn Reinforced by Cotton Fiber 棉纤增强石墨线
JFY-1120	Graphite Yarn Reinforced by Glass Fiber 玻纤增强石墨线
JFY-1130	Graphite Yarn Reinforced by SS304 Wire SS304增强石墨线
JFY-1131	Graphite Yarn with Outside Braided SS304 Wire Jacket 外编SS304网石墨线
JFY-1132	Graphite Yarn with Outside Crocheted SS304 Wire Jacket 外钩编SS304网石墨线
JFY-1140	Graphite Yarn Reinforced by Inconel Wire 茵苣镍丝增强石墨线
JFY-1141	Graphite Yarn with Outside Braided Inconel Wire Jacket 外编茵苣镍丝网石墨线
JFY-1141F	Graphite Yarn with Inconel Over knitted (Flat Type) 外编无烧失石墨线
JFY-1142	Graphite Yarn with Outside Crocheted Inconel Wire Jacket 外钩编茵苣镍丝网石墨线
JFY-1142F-09	Free of Ignition Loss Graphite Yarn with External Crocheted Inconel Wire Jacket 外钩编无烧失石墨线
JFY-1150	Graphite Yarn Reinforced by Copper Wire 铜丝增强石墨线
JFY-1170	Graphite Yarn Reinforced by Carbon Fiber Core 高碳纤维增强石墨线
JFY-1170F	Graphite Yarn Reinforced by Carbon Fiber Core (600°C/1.5h loss on ignition < 3%) 无烧失高碳增强石墨线 (600°C/1.5h烧失率 < 3%)
JFY-1181	Graphite Yarn with Outside Braided Nomex Fiber Jacket 间位芳纶包覆石墨线
JFY-1190	Graphite Yarn Reinforced by Synthetic Fiber Carrier 合成纤维辅线石墨线
JFY-1100P	Graphite Yarn with PTFE impregnated 四氟浸渍石墨线
JFY-1100N	Low-sulfur Graphite Yarn (Sulfur content < 300ppm) 低硫石墨线 (硫含量 < 300ppm)