



中国建材

中复神鹰

2024

TECHNICAL DATA SHEET

碳纤维技术参数资料

中复神鹰碳纤维股份有限公司
2024TDS资料



中复神鹰碳纤维

SYT45-3K



技术参数 / TECHNICAL DATA SHEET

SYT45-3K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4000	MPa	580	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	220	GPa	31.9	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.5	%	1.5	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	198	g/km	460	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT45-3K碳纤维应用于风电叶片、体育休闲、汽车工业、轨道交通、电子3C、医疗器械等领域。

The SYT45-3K carbon fibers applications involve wind turbine blade, leisure sports, automobile industry, rail transit, electronic product, medical and other fields.

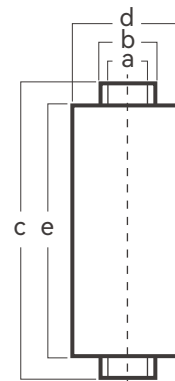
包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
3K	1	76	82	280	106	250	15	15

包装箱尺寸 (Box size) : 575×365×305mm



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

说明：通用领域与特殊领域产品型号名称有所区别，以实际为准；表中数值只是参考值，并非保证值；技术参数、包装规格如有调整，恕不另行通知，具体可向我司咨询。

Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维 SYT45-12K



技术参数 / TECHNICAL DATA SHEET

SYT45-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4200	MPa	609	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	230	GPa	33.4	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.6	%	1.6	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	800	g/km	1862	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT45-12K碳纤维应用于风电叶片、碳/碳复材、体育休闲、建筑桥梁、轨道交通、汽车工业、医疗器械等领域。

The SYT45-12K carbon fibers applications involve wind turbine blade, carbon/carbon composites, leisure sports, architecture & bridge, rail transit, automobile industry, medical and other fields.

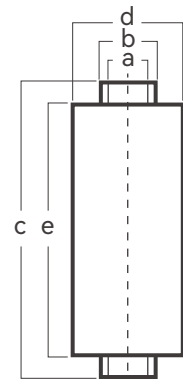
包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	4	76	82	280	160	250	6	24

包装箱尺寸 (Box size) : 545×355×305mm



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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中复神鹰碳纤维

SYT45-24K



技术参数 / TECHNICAL DATA SHEET

SYT45-24K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4200	MPa	609	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	230	GPa	33.4	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.6	%	1.6	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	1600	g/km	3724	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT45-24K碳纤维应用于风电叶片、碳/碳复材、体育休闲、建筑桥梁、轨道交通、汽车工业、医疗器械等领域。

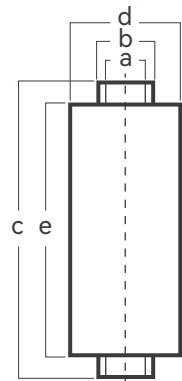
The SYT45-24K carbon fibers applications involve wind turbine blade, carbon/carbon composites, leisure sports, architecture & bridge, rail transit, automobile industry, medical and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
24K	6	76	82	280	190	250	6	36
包装箱尺寸 (Box size) : 630×420×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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中复神鹰碳纤维

SYT45-48K



技术参数 / TECHNICAL DATA SHEET

SYT45-48K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4200	MPa	609	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	240	GPa	34.8	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.6	%	1.6	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	3200	g/km	7448	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT45-48K碳纤维应用于风电叶片、体育休闲、建筑桥梁、轨道交通、汽车工业、医疗器械等领域。

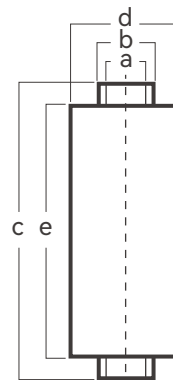
The SYT45-48K carbon fibers applications involve wind turbine blade, leisure sports, architecture & bridge, rail transit, automobile industry, medical and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
48K	8	76	82	280	230	250	4	32
包装箱尺寸 (Box size) : 630×420×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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中复神鹰碳纤维

SYT45S-12K



技术参数 / TECHNICAL DATA SHEET

SYT45S-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4500	MPa	652	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	230	GPa	33.4	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.7	%	1.7	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	800	g/km	1862	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT45S-12K碳纤维应用于风电叶片、碳/碳复材、体育休闲、建筑桥梁、轨道交通、汽车工业、医疗器械等领域。

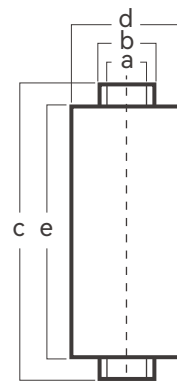
The SYT45S-12K carbon fibers applications involve wind turbine blade, carbon/carbon composites, leisure sports, architecture & bridge, rail transit, automobile industry, medical and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	4	76	82	280	160	250	6	24
包装箱尺寸 (Box size) : 545×355×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

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中复神鹰碳纤维 SYT45S-24K



技术参数 / TECHNICAL DATA SHEET

SYT45S-24K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4500	MPa	652	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	240	GPa	34.8	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.7	%	1.7	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	1600	g/km	3724	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT45S-24K碳纤维应用于风电叶片、碳/碳复材、压力容器、体育休闲、建筑桥梁、轨道交通、汽车工业、碳芯电缆、医疗器械等领域。

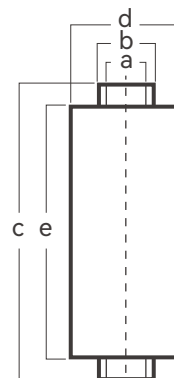
The SYT45S-24K carbon fibers applications involve wind turbine blade, carbon/carbon composites, pressure vessel, leisure sports, architecture & bridge, rail transit, automobile industry, carbon core cable, medical and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
24K	6	76	82	280	190	250	6	36
包装箱尺寸 (Box size) : 630×420×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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中复神鹰碳纤维

SYT45S-48K



技术参数 / TECHNICAL DATA SHEET

SYT45S-48K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4500	MPa	652	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	240	GPa	34.8	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.7	%	1.7	%	GB/T 3362	
密度 (Density)	1.80	g/cm ³	0.065	lbs/in ³	GB/T 30019	
线密度 (Linear Density)	3200	g/km	7448	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

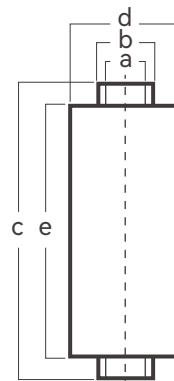
SYT45S-48K碳纤维应用于风电叶片、压力容器、体育休闲、建筑桥梁、轨道交通、汽车工业、碳芯电缆、医疗器械等领域。
The SYT45S-48K carbon fibers applications involve wind turbine blade, pressure vessel, leisure sports, Architecture & bridge, rail transit, automobile industry, carbon core cable, medical and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。
The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
48K	8	76	82	280	230	250	4	32

包装箱尺寸 (Box size) : 630×420×305mm



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。
在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

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中复神鹰碳纤维

SYT45T-12K



技术参数 / TECHNICAL DATA SHEET

SYT45T-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4500	MPa	652	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	210	GPa	30.5	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	2.1	%	2.1	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	800	g/km	1862	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT45T-12K碳纤维应用于碳/碳复材、体育休闲、建筑桥梁等领域。

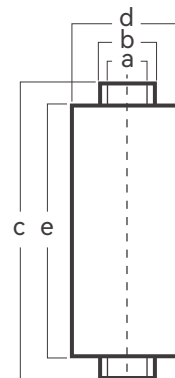
The SYT45T-12K carbon fibers applications involve carbon/carbon composites, leisure sports, Architecture & bridge and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	4	76	82	280	160	250	6	24
包装箱尺寸 (Box size) : 545×355×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

说明：通用领域与特殊领域产品型号名称有所区别，以实际为准；表中数值只是参考值，并非保证值；技术参数、包装规格如有调整，恕不另行通知，具体可向我司咨询。

Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维

SYT45T-24K



技术参数 / TECHNICAL DATA SHEET

SYT45T-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4500	MPa	652	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	210	GPa	30.5	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	2.1	%	2.1	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	1600	g/km	3724	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT45T-24K碳纤维应用于碳/碳复材、体育休闲、建筑桥梁等领域。

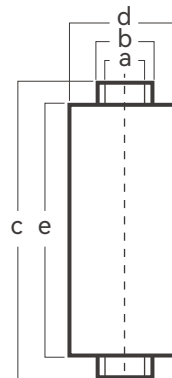
The SYT45T-24K carbon fibers applications involve carbon/carbon composites, leisure sports, Architecture & bridge and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
24K	6	76	82	280	190	250	6	36
包装箱尺寸 (Box size): 630×420×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维

SYT49T-12K



技术参数 / TECHNICAL DATA SHEET

SYT49T-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4900	MPa	710	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	210	GPa	30.5	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	2.3	%	2.3	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	800	g/km	1862	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT49T-12K碳纤维应用于碳/碳复材、体育休闲等领域。

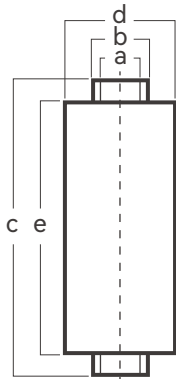
The SYT49T-12K carbon fibers applications involve carbon/carbon composites, leisure sports and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	4	76	82	280	160	250	6	24
包装箱尺寸 (Box size) : 545×355×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维

SYT49S-12K



技术参数 / TECHNICAL DATA SHEET

SYT49S-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4900	MPa	710	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	240	GPa	34.8	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.8	%	1.8	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	800	g/km	1862	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT49S-12K碳纤维应用于航空航天、风电叶片、碳/碳复材、压力容器、体育休闲、建筑桥梁、轨道交通、汽车工业、碳芯电缆、电子3C、医疗器械等领域。

The SYT49S-12K carbon fibers applications involve aerospace, wind turbine blade, carbon/carbon composites, pressure vessel, leisure sports, Architecture & bridge, rail transit, automobile industry, carbon core cable, electronic product, medical and other fields.

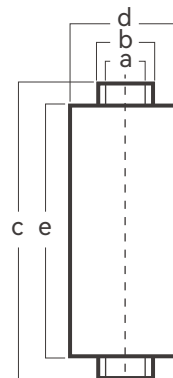
包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	4	76	82	280	160	250	6	24

包装箱尺寸 (Box size) : 545×355×305mm



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维 SYT49S-12K新



技术参数 / TECHNICAL DATA SHEET

SYT49S-12K(新)	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	5500	MPa	798	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	250	GPa	36.2	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.8	%	1.8	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	800	g/km	1862	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT49S-12K（新）碳纤维应用于航空航天、风电叶片、碳/碳复材、压力容器、体育休闲、建筑桥梁、轨道交通、汽车工业、碳芯电缆、电子3C、医疗器械等领域。

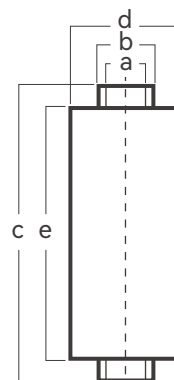
The SYT49S-12K(new) carbon fibers applications involve aerospace, wind turbine blade, carbon/carbon composites, pressure vessel, leisure sports, Architecture & bridge, rail transit, automobile industry, carbon core cable, electronic product, medical and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	4	76	82	280	160	250	6	24
包装箱尺寸 (Box size) : 545×355×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维

SYT49S-24K



技术参数 / TECHNICAL DATA SHEET

SYT49S-24K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4900	MPa	710	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	240	GPa	34.8	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.8	%	1.8	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	1600	g/km	3724	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT49S-24K碳纤维应用于航空航天、风电叶片、碳/碳复材、压力容器、体育休闲、建筑桥梁、轨道交通、汽车工业、碳芯电缆、电子3C、医疗器械等领域。

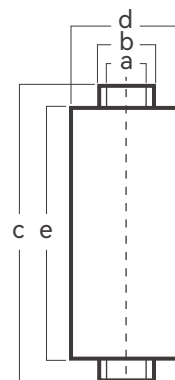
The SYT49S-24K carbon fibers applications involve aerospace, wind turbine blade, carbon/carbon composites, pressure vessel, leisure sports, Architecture & bridge, rail transit, automobile industry, carbon core cable, electronic product, medical and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
24K	6	76	82	280	160	250	6	36
包装箱尺寸 (Box size) : 630×420×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

说明：通用领域与特殊领域产品型号名称有所区别，以实际为准；表中数值只是参考值，并非保证值；技术参数、包装规格如有调整，恕不另行通知，具体可向我司咨询。

Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维

SYT49S-24K新



技术参数 / TECHNICAL DATA SHEET

SYT49S-24K新	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	5500	MPa	798	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	255	GPa	37	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	2.1	%	2.1	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	1600	g/km	3724	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT49S-24K(新)碳纤维应用于航空航天、风电叶片、碳/碳复材、压力容器、体育休闲、建筑桥梁、轨道交通、汽车工业、碳芯电缆、电子3C、医疗器械等领域。

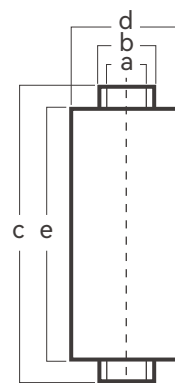
The SYT49S-24K(new) carbon fibers applications involve aerospace, wind turbine blade, carbon/carbon composites, pressure vessel, leisure sports, Architecture & bridge, rail transit, automobile industry, carbon core cable, electronic product, medical and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
24K	6	76	82	280	160	250	6	36
包装箱尺寸 (Box size) : 630×420×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维

SYT49S-48K



技术参数 / TECHNICAL DATA SHEET

SYT49S-48K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4900	MPa	710	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	240	GPa	34.8	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.8	%	1.8	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	3200	g/km	7448	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT49S-48K碳纤维应用于风电叶片、压力容器、体育休闲、建筑桥梁、轨道交通、汽车工业等领域。

The SYT49S-48K carbon fibers applications involve wind turbine blade, pressure vessel, leisure sports, Architecture & bridge, rail transit, automobile industry and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
48K	8	76	82	280	230	250	4	32
包装箱尺寸 (Box size) : 630×420×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

说明：通用领域与特殊领域产品型号名称有所区别，以实际为准；表中数值只是参考值，并非保证值；技术参数、包装规格如有调整，恕不另行通知，具体可向我司咨询。

Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维

SYT49C-3K



技术参数 / TECHNICAL DATA SHEET

SYT49C-3K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4900	MPa	710	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	255	GPa	37	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.8	%	1.8	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	198	g/km	460	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

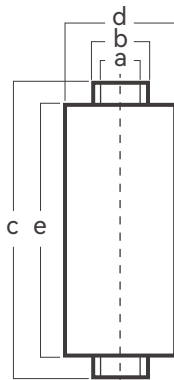
SYT49C-3K碳纤维专门应用于航空航天领域。
The SYT49C-3K carbon fiber is specially used in the field of aerospace.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。
The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
3K	1	76	82	280	106	250	15	15

包装箱尺寸 (Box size) : 575×365×305mm



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。
在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。
The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

说明：通用领域与特殊领域产品型号名称有所区别，以实际为准；表中数值只是参考值，并非保证值；技术参数、包装规格如有调整，恕不另行通知，具体可向我司咨询。
Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维

SYT49C-12K



技术参数 / TECHNICAL DATA SHEET

SYT49C-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4900	MPa	710	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	255	GPa	37	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.8	%	1.8	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	800	g/km	1862	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

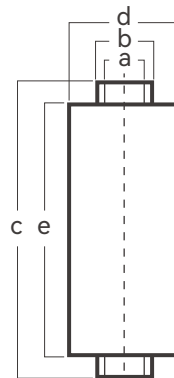
应用领域 / APPLICATION FIELD

SYT49C-12K碳纤维专门应用于航空航天领域。
The SYT49C-12K carbon fiber is specially used in the field of aerospace.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。
The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	4	76	82	280	160	250	6	24
包装箱尺寸 (Box size) : 545×355×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。
在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

说明：通用领域与特殊领域产品型号名称有所区别，以实际为准；表中数值只是参考值，并非保证值；技术参数、包装规格如有调整，恕不另行通知，具体可向我司咨询。

Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维

SYT50S-36K



技术参数 / TECHNICAL DATA SHEET

SYT50S-36K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	6000	MPa	870	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	265	GPa	38.4	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	2.2	%	2.2	%	GB/T 3362	
密度 (Density)	1.80	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	1800	g/km	4190	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

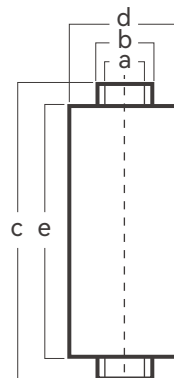
SYT50S-36K碳纤维专门应用于压力容器领域。
SYT50S-36K carbon fiber is specially used in the field of pressure vessels.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。
The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
36 K	6	76	82	280	172	250	6	36

包装箱尺寸 (Box size) : 630×420×305mm



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。
在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。
The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

说明：通用领域与特殊领域产品型号名称有所区别，以实际为准；表中数值只是参考值，并非保证值；技术参数、包装规格如有调整，恕不另行通知，具体可向我司咨询。
Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维 SYT55-12K



技术参数 / TECHNICAL DATA SHEET

SYT55-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	5500	MPa	797	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	290	GPa	42.0	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.8	%	1.8	%	GB/T 3362	
密度 (Density)	1.79	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	450	g/km	1047	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT55-12K碳纤维应用于航空航天、碳/碳复材、压力容器、体育休闲、建筑桥梁、轨道交通、电子3C等领域。

The SYT55-12K carbon fibers applications involve aerospace, carbon/carbon composites, pressure vessel, leisure sports, Architecture & bridge, rail transit, electronic product and other fields.

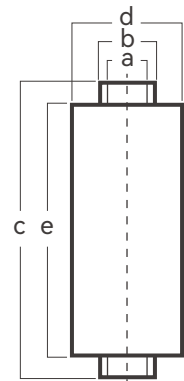
包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	2	76	82	280	127	250	12	24

包装箱尺寸 (Box size) : 565×420×305mm



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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中复神鹰碳纤维

SYT55-24K



技术参数 / TECHNICAL DATA SHEET

SYT55-24K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	5500	MPa	797	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	290	GPa	42.0	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.8	%	1.8	%	GB/T 3362	
密度 (Density)	1.79	g/cm³	0.064	lbs/in³	GB/T 30019	
线密度 (Linear Density)	900	g/km	2094	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

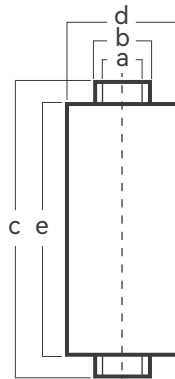
应用领域 / APPLICATION FIELD

SYT55-24K碳纤维应用于航空航天、碳/碳复材、压力容器、体育休闲、建筑桥梁、轨道交通、电子3C等领域。
The SYT55-24K carbon fibers applications involve aerospace, carbon/carbon composites, pressure vessel, leisure sports, Architecture & bridge, rail transit, electronic product and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。
The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
24K	4	76	82	280	160	250	6	24
包装箱尺寸 (Box size) : 545×355×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。
在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。
The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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中复神鹰碳纤维

SYT55S-12K



技术参数 / TECHNICAL DATA SHEET

SYT55S-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	5880	MPa	852	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	295	GPa	42.7	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.9	%	1.9	%	GB/T 3362	
密度 (Density)	1.79	g/cm³	0.064	lbs/in³	GB/T 30019	
线密度 (Linear Density)	450	g/km	1047	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT55S-12K碳纤维应用于航空航天、碳/碳复材、压力容器、体育休闲、建筑桥梁、轨道交通、电子3C等领域。

The SYT55S-12K carbon fibers applications involve aerospace, carbon/carbon composites, pressure vessel, leisure sports, Architecture & bridge, rail transit, electronic product and other fields.

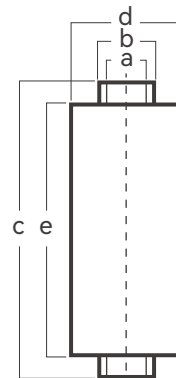
包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	2	76	82	280	127	250	12	24

包装箱尺寸 (Box size) : 565×420×305mm



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维

SYT55S-24K



技术参数 / TECHNICAL DATA SHEET

SYT55S-24K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	5880	MPa	852	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	295	GPa	42.7	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.9	%	1.9	%	GB/T 3362	
密度 (Density)	1.79	g/cm³	0.064	lbs/in³	GB/T 30019	
线密度 (Linear Density)	900	g/km	2094	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT55S-24K碳纤维应用于航空航天、碳/碳复材、压力容器、体育休闲、建筑桥梁、轨道交通、电子3C等领域。

The SYT55S-24K carbon fibers applications involve aerospace, carbon/carbon composites, pressure vessel, leisure sports, Architecture & bridge, rail transit, electronic product and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
24K	4	76	82	280	160	250	6	24
包装箱尺寸 (Box size) : 545×355×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

说明：通用领域与特殊领域产品型号名称有所区别，以实际为准；表中数值只是参考值，并非保证值；技术参数、包装规格如有调整，恕不另行通知，具体可向我司咨询。

Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维

SYT55G-12K



技术参数 / TECHNICAL DATA SHEET

SYT55G-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	5900	MPa	855	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	295	GPa	42.8	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	2.0	%	2.0	%	GB/T 3362	
密度 (Density)	1.79	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	450	g/km	1047	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT55G-12K碳纤维专门应用于航空航天领域。

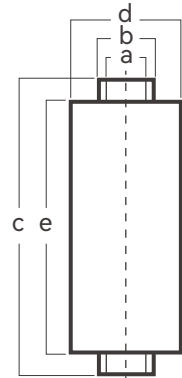
The SYT55G-12K carbon fiber is specially used in the field of aerospace.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	2	76	82	280	127	250	12	24
包装箱尺寸 (Box size) : 565×420×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

说明：通用领域与特殊领域产品型号名称有所区别，以实际为准；表中数值只是参考值，并非保证值；技术参数、包装规格如有调整，恕不另行通知，具体可向我司咨询。

Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维

SYT55G-24K



技术参数 / TECHNICAL DATA SHEET

SYT55G-24K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	5900	MPa	855	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	295	GPa	42.8	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	2.0	%	2.0	%	GB/T 3362	
密度 (Density)	1.79	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	900	g/km	2094	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT55G-24K碳纤维专门应用于航空航天领域。

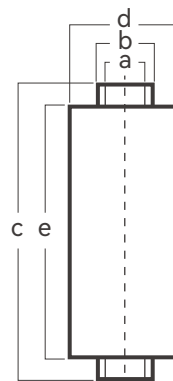
The SYT55G-24K carbon fiber is specially used in the field of aerospace.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
24K	4	76	82	280	127	250	6	24
包装箱尺寸 (Box size) : 545×355×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

说明：通用领域与特殊领域产品型号名称有所区别，以实际为准；表中数值只是参考值，并非保证值；技术参数、包装规格如有调整，恕不另行通知，具体可向我司咨询。

Notice: There is a difference in product model names between general and special application fields which shall prevail in accordance with the actual situation. the values in the table are for reference only, not guaranteed ones, technical parameters and packaging specifications are subject to change without prior notice, please consult our company for details.



中复神鹰碳纤维

SYT65-12K



技术参数 / TECHNICAL DATA SHEET

SYT65-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	6370	MPa	923	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	294	GPa	42.6	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	2.1	%	2.1	%	GB/T 3362	
密度 (Density)	1.79	g/cm³	0.064	lbs/in³	GB/T 30019	
线密度 (Linear Density)	450	g/km	1047	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT65-12K碳纤维应用于航空航天、体育休闲等领域。

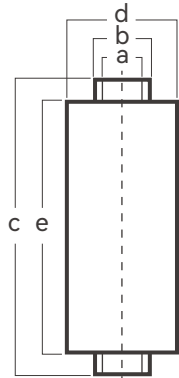
The SYT65-12K carbon fibers applications involve aerospace, leisure sports and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	2	76	82	280	120	250	12	24
包装箱尺寸 (Box size) : 565×420×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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中复神鹰碳纤维

SYT70-12K



技术参数 / TECHNICAL DATA SHEET

SYT70-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	7000	MPa	1015	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	324	GPa	46.9	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	2.1	%	2.1	%	GB/T 3362	
密度 (Density)	1.76	g/cm³	0.063	lbs/in³	GB/T 30019	
线密度 (Linear Density)	430	g/km	1000	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT70-12K碳纤维应用于航空航天、体育休闲等领域。

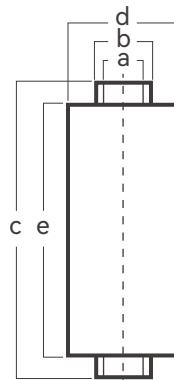
The SYT70-12K carbon fibers applications involve aerospace, leisure sports and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	2	76	82	280	125	250	12	24
包装箱尺寸 (Box size) : 565×420×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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中复神鹰碳纤维

SYT70G-12K



技术参数 / TECHNICAL DATA SHEET

SYT70G-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	6600	MPa	957	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	340	GPa	49.3	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	2.0	%	2.0	%	GB/T 3362	
密度 (Density)	1.75	g/cm³	0.063	lbs/in³	GB/T 30019	
线密度 (Linear Density)	430	g/km	1000	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYT70G-12K碳纤维应用于航空航天、体育休闲等领域。

The SYT70G-12K carbon fibers applications involve aerospace, leisure sports and other fields.

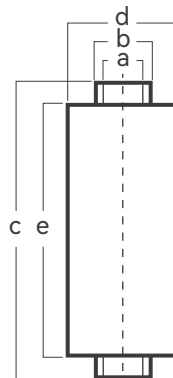
包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	2	76	82	280	125	250	12	24

包装箱尺寸 (Box size) : 565×420×305mm



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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中复神鹰碳纤维

SYM35X-12K



技术参数 / TECHNICAL DATA SHEET

SYM35X-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	5700	MPa	826	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	330	GPa	47.8	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.7	%	1.7	%	GB/T 3362	
密度 (Density)	1.72	g/cm³	0.062	lbs/in³	GB/T 30019	
线密度 (Linear Density)	430	g/km	1000	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYM35X-12K碳纤维应用于航空航天、体育休闲等领域。

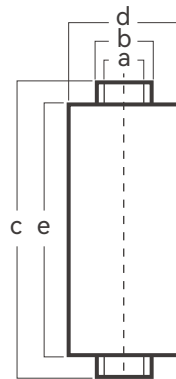
The SYM35X-12K carbon fibers applications involve aerospace, leisure sports and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	0.62	76	82	280	100	250	15	9.3
包装箱尺寸 (Box size) : 575×365×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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中复神鹰碳纤维

SYM40-12K



技术参数 / TECHNICAL DATA SHEET

SYM40-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4500	MPa	652	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	377	GPa	54.6	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.1	%	1.1	%	GB/T 3362	
密度 (Density)	1.75	g/cm³	0.063	lbs/in³	GB/T 30019	
线密度 (Linear Density)	430	g/km	1000	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYM40-12K碳纤维应用于航空航天、体育休闲等领域。

The SYM40-12K carbon fibers applications involve aerospace, leisure sports and other fields.

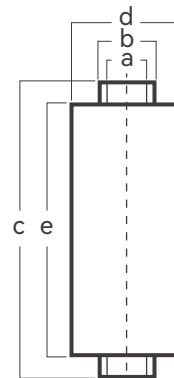
包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	0.62	76	82	280	100	250	15	9.3

包装箱尺寸 (Box size) : 575×365×305mm



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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中复神鹰碳纤维

SYM40J-12K



技术参数 / TECHNICAL DATA SHEET

SYM40J-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4700	MPa	681	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	377	GPa	54.6	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.2	%	1.2	%	GB/T 3362	
密度 (Density)	1.75	g/cm³	0.063	lbs/in³	GB/T 30019	
线密度 (Linear Density)	430	g/km	1000	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

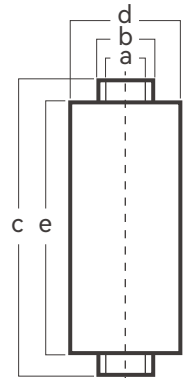
应用领域 / APPLICATION FIELD

SYM40J-12K碳纤维专门应用于航空航天领域。
The SYM40J-12K carbon fiber is specially used in the field of aerospace.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。
The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	0.62	76	82	280	100	250	15	9.3
包装箱尺寸 (Box size) : 575×365×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。
在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。
The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

说明：通用领域与特殊领域产品型号名称有所区别，以实际为准；表中数值只是参考值，并非保证值；技术参数、包装规格如有调整，恕不另行通知，具体可向我司咨询。
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中复神鹰碳纤维

SYM40X-12K



技术参数 / TECHNICAL DATA SHEET

SYM40X-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	5500	MPa	797	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	377	GPa	54.6	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.4	%	1.4	%	GB/T 3362	
密度 (Density)	1.75	g/cm³	0.063	lbs/in³	GB/T 30019	
线密度 (Linear Density)	430	g/km	1000	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYM40X-12K碳纤维应用于航空航天、体育休闲等领域。

The SYM40X-12K carbon fibers applications involve aerospace, leisure sports and other fields.

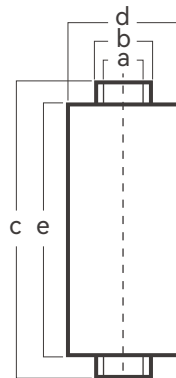
包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	0.62	76	82	280	100	250	15	9.3

包装箱尺寸 (Box size) : 575×365×305mm



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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中复神鹰碳纤维

SYM46J-12K



技术参数 / TECHNICAL DATA SHEET

SYM46J-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4200	MPa	609	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	436	GPa	63.2	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	0.9	%	0.9	%	GB/T 3362	
密度 (Density)	1.78	g/cm³	0.064	lbs/in³	GB/T 30019	
线密度 (Linear Density)	430	g/km	1000	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYM46J-12K碳纤维应用于航空航天、体育休闲、电子3C等领域。

The SYM46J-12K carbon fibers applications involve aerospace, leisure sports, electronic product and other fields.

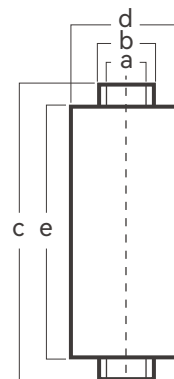
包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	0.62	76	82	280	100	250	15	9.3

包装箱尺寸 (Box size) : 575×365×305mm



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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中复神鹰碳纤维

SYM46X-12K



技术参数 / TECHNICAL DATA SHEET

SYM46X-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	5000	MPa	725	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	436	GPa	63.2	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	1.1	%	1.1	%	GB/T 3362	
密度 (Density)	1.78	g/cm³	0.064	lbs/in³	GB/T 30019	
线密度 (Linear Density)	430	g/km	1000	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYM46X-12K碳纤维应用于航空航天、体育休闲、电子3C等领域。

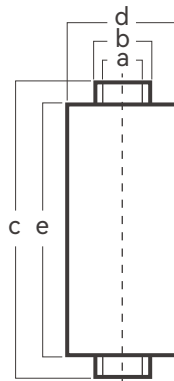
The SYM46X-12K carbon fibers applications involve aerospace, leisure sports, electronic product and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	0.62	76	82	280	100	250	15	9.3
包装箱尺寸 (Box size) : 575×365×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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中复神鹰碳纤维

SYM50J-12K



技术参数 / TECHNICAL DATA SHEET

SYM50J-12K	公制 (Metric)		英制 (English)		测试标准 (Test Method)	备注 (Note)
拉伸强度 (Tensile Strength)	4200	MPa	609	Ksi	GB/T 3362	可根据客户要求 执行其他检测标准 Inspection standards can be implemented according to customer requirements
弹性模量 (Elastic Modulus)	475	GPa	68.8	Msi	GB/T 3362	
断裂伸长率 (Elongation at Break)	0.8	%	0.8	%	GB/T 3362	
密度 (Density)	1.82	g/cm³	0.065	lbs/in³	GB/T 30019	
线密度 (Linear Density)	420	g/km	977	ft/lbs	GB/T 3362	
上浆剂类型 (Sizing Type)	环氧树脂 (Epoxy)					
捻 (Twist)	无捻 (Never twisted)					

应用领域 / APPLICATION FIELD

SYM50J-12K碳纤维应用于航空航天、体育休闲等领域。

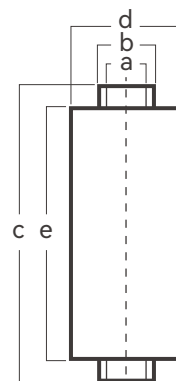
The SYM50J-12K carbon fibers applications involve aerospace, leisure sports and other fields.

包装规格 / PACKAGING

下表为标准包装，可根据特殊需要定制碳丝卷轴尺寸。

The table below summarizes the standard packaging; other bobbin sizes can be supplied to satisfy special needs.

丝数 Filament Count	碳丝卷轴净重(kg) Bobbin (Net weight kg)	碳丝卷轴尺寸(mm) Bobbin Size(mm)					每箱碳丝轴数 Spools Per case	每箱净重(kg) Case (Net weight kg)
		a	b	c	d	e		
12K	0.62	76	82	280	100	250	15	9.3
包装箱尺寸 (Box size) : 575×365×305mm								



产品贮存 / STORAGE

产品应存放在干燥、阴凉通风的库房内，远离火源和热源，防潮，堆码层数不应超过包装上标明的堆码层数极限。

在正确的贮存条件下，产品保质期为2年，超期后，经检验合格，可继续使用。

The product should be stored in a dry, cool and ventilated warehouse, away from fire and heat sources, moisture-proof, and the stacking layer should not exceed the stacking layer limit indicated on the packaging. Under the correct storage conditions, the shelf life of the product is 2 years. After the expiration date, it can continue to be used after passing the inspection.

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