

1. Ac and DC electrical insulation

Ac electrical insulation

Product characteristics :

- Imported aramid fiber as reinforcing material.
- International brand epoxy resin.
- Resistant to HF acid corrosion.
- Vacuum impregnation process molding, no partial discharge.
- The density is small, the weight is light, and the mechanical load is small.
- High dielectric strength and shorter insulation distance to meet the miniaturization design needs of customers' products.
- Good mechanical properties, good mechanical properties of tension and bending.
- The elastic specific modulus is high, which can resist the deformation generated in the process of opening and closing and recover quickly, and minimize the risk of serious accidents such as pull-off and brittleness.



110kV-1100kV aramid AC high voltage insulation for circuit breakers



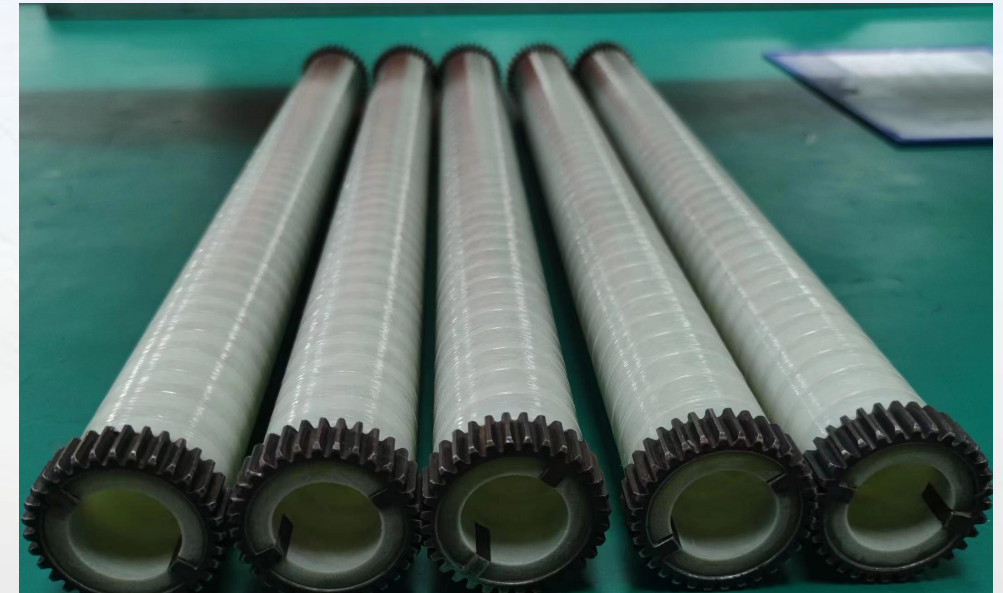
330kV-1100kV polyester fiber insulation for GIS shunt capacitors

1. Ac and DC electrical insulation

Operating rod

Product characteristics :

- The operating rod is currently supplied with rated voltage from 110kV to 1100KV
- The materials are aramid and fiberglass



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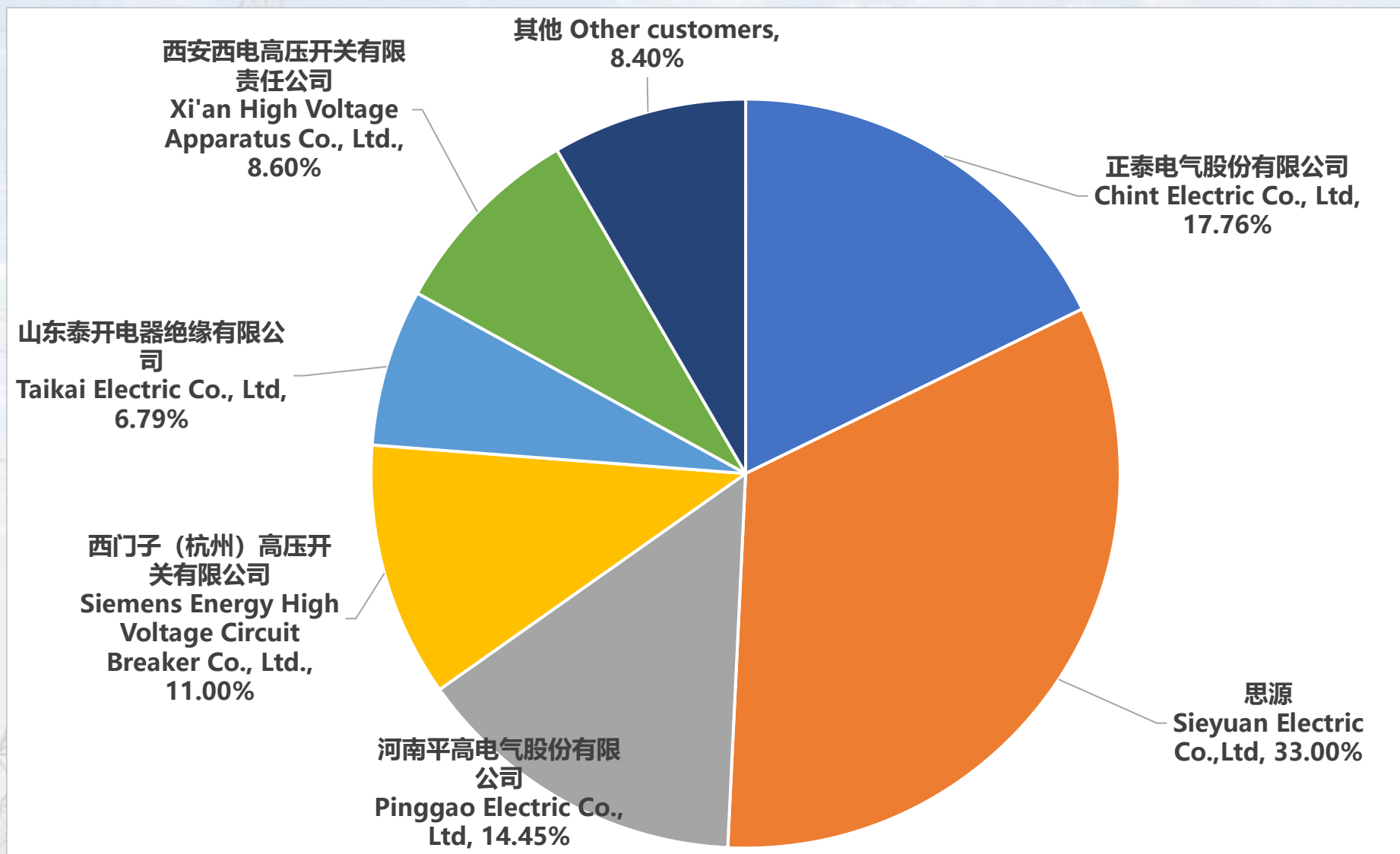
Insulation tube

Product characteristics :

- The insulation tube is currently supplied with 110kV-800KV
- Tenyen can afford the tubes with painting or without painting, the materials are glass fiber, aramid fiber and polyester fiber.



1. Ac and DC electrical insulation



1. Key Performance List - Insulating Tie-rods (2025)

No.	Customer	Cooperation Period	Model No.	Voltage Class	Quantity
1	Jiangsu Sieyuan High-Voltage Switchgear Co., Ltd.	2016-Present	5SS.743.00103	252kV	3600 pcs
2	Shanghai Sieyuan High-Voltage Switchgear Co., Ltd.	2016-Present	5SS.743.00203	145kV	3500 pcs
3	CHINT ELECTRIC CO., LTD.	2016-Present	5ZDK.743.035	145kV	1000 pcs
			5ZDK.743.066	252kV	650 pcs
			5ZDK.743.097	550kV	360 pcs
			5ZDK.743.098	550kV	160 pcs
4	Pinggao Electric Co., Ltd.	2016-Present	512321005V01	72.5kV	246 pcs
			512321001V01	72.5kV	420 pcs
			512321001V02	126kV	280 pcs
			512321001Q01	145kV	402 pcs
5	Jiangsu Rugao High Voltage Electric Appliance Co., Ltd.	2017-Present	5S015225	145kV	930 pcs
			5SR.743.00501	252kV	800 pcs
			5SR74300502	252kV	86 pcs
			5SS.743.00102	252kV	300 pcs
			8S142684	145kV	120 pcs

1. Key Performance List - Insulating Tie-rods (2025)

No.	Customer	Cooperation Period	Model No.	Voltage Class	Quantity
6	Jiangsu Woneng High-Voltage Electric Co., Ltd.	2017-Present	5WG.743.002	145kV	141 pcs
7	Shandong Taikai Electric Insulation Co., Ltd.	2017-Present	470100165	252kV	143 pcs
8	Guangzhou Baiyun Electric Equipment Co., Ltd.	2017-Present	BY011.05.0012	252kV	120 pcs
9	Ningbo Jianrun Electromechanical Co., Ltd.	2017-Present	2T8307001A4	72.5kV	264 pcs
10	Tai'an Taishan	2017-Present	5TS.743.107	126kV	237 pcs
			5TDK.743.127	252kV	132 pcs
			5TDK.743.129	252kV	150 pcs

1. Key Performance List - Insulating Cylinders (2025)

No.	Customer	Cooperation Period	Model No.	Voltage Class	Quantity
1	Jiangsu Sieyuan High-Voltage Switchgear Co., Ltd.	2016-Present	8SS.770.00103	252kV	5500 pcs
			8SS.770.00203	252kV	750 pcs
			8S021111	420kV	850 pcs
			8S016970	420kV	300 pcs
2	Shanghai Sieyuan High-Voltage Switchgear Co., Ltd.	2016-Present	8SS.770.00303	145kV	370 pcs
			8S150799	800kV	390 pcs
			8S150818	800kV	370 pcs
3	CHINT ELECTRIC CO., LTD.	2016-Present	5ZDK.770.016	252kV	600 pcs
			5ZDK.770.017	252kV	300 pcs
			5ZDK.770.024	550kV	300 pcs
			5ZDK.770.025	550kV	165 pcs
			ZDK0001605	252kV	263 pcs
4	Pinggao Electric Co., Ltd.	2016-Present	512323001V01	72.5kV	822 pcs
			512323000R02	145kV	642 pcs
			512323002Q01	252kV	230 pcs

1. Key Performance List - Insulating Cylinders (2025)

No.	Customer	Cooperation Period	Model No.	Voltage Class	Quantity
5	Siemens Energy High Voltage Switch (Hangzhou) Co., Ltd.	2018-Present	C1B451-02194-003	252kV	840 pcs
			C1B451-02194-004	252kV	840 pcs
6	Jiangsu Rugao High Voltage Electric Appliance Co., Ltd.	2017-Present	8SS.770.00203	252kV	11 pcs
			8S005468	550kV	11 pcs
7	Guangdong Mingyang Electric Co., Ltd.	2017-Present	6MYK252.770.001	252kV	28 pcs
8	Shandong Taikai Electric Insulation Co., Ltd.	2017-Present	T57700082	800kV	137 pcs
			T57700087	800kV	75 pcs
			402301290	126kV	28 pcs
9	Guangzhou Baiyun Electric Equipment Co., Ltd.	2017-Present	T54877.8	126kV	120 pcs
10	Xi'an Xidian Power Capacitor Co., Ltd.	2017-Present	8KF.722.338	550kV	24 pcs

1. Key Performance List - Insulating Tie-rods (2024)

No.	Customer	Cooperation Period	Model No.	Voltage Class	Quantity
1	Jiangsu Sieyuan High-Voltage Switchgear Co., Ltd.	2016-Present	5SS.743.00103	252kV	3100 pcs
2	Shanghai Sieyuan High-Voltage Switchgear Co., Ltd.	2016-Present	5SS.743.00203	145kV	5100 pcs
3	CHINT ELECTRIC CO., LTD.	2016-Present	5ZDK.743.035	145kV	758 pcs
			5ZDK.743.066	252kV	656 pcs
			5ZDK.743.097	550kV	389 pcs
			5ZDK.743.098	550kV	188 pcs
4	Pinggao Electric Co., Ltd.	2016-Present	512321001V01	72.5kV	259 pcs
			512321001V02	126kV	420 pcs
			512321001Q01	145kV	624 pcs
5	Jiangsu Rugao High Voltage Electric Appliance Co., Ltd.	2017-Present	5S015225	145kV	382 pcs
			5SR.743.00501	252kV	87 pcs
			5SR74300502	252kV	202 pcs
			5SS.743.00102	252kV	409 pcs

1. Key Performance List - Insulating Tie-rods (2024)

No.	Customer	Cooperation Period	Model No.	Voltage Class	Quantity
6	Jiangsu Woneng High-Voltage Electric Co., Ltd.	2017-Present	5WG.743.002	145kV	129 pcs
			8WG200203	252kV	62 pcs
			8WG200720	252kV	48 pcs
7	Shandong Taikai Electric Insulation Co., Ltd.	2017-Present	470100165	252kV	147 pcs
			T47010005	252kV	60 pcs
			T41770035	550kV	31 pcs
8	Guangzhou Baiyun Electric Equipment Co., Ltd.	2017-Present	BY011.05.0012	252kV	248 pcs
			BY012.01.0009	252kV	30 pcs
9	Ningbo Jianrun Electromechanical Co., Ltd.	2017-Present	2T8307001A4	72.5kV	268 pcs
10	Tai'an Taishan	2017-Present	5TS.743.107	126kV	351 pcs

1. Key Performance List - Insulating Cylinders (2024)

No.	Customer	Cooperation Period	Model No.	Voltage Class	Quantity
1	Jiangsu Sieyuan High-Voltage Switchgear Co., Ltd.	2016-Present	8SS.770.00103	252kV	2882 pcs
			8SS.770.00203	252kV	464 pcs
			8S021111	420kV	384 pcs
			8S074280	550kV	277 pcs
			8S074281	550kV	274 pcs
2	Shanghai Sieyuan High-Voltage Switchgear Co., Ltd.	2016-Present	8S016970	420kV	440 pcs
3	CHINT ELECTRIC CO., LTD.	2016-Present	5ZDK.770.016	252kV	422 pcs
			5ZDK.770.017	252kV	401 pcs
			5ZDK.770.024	550kV	302 pcs
			5ZDK.770.025	550kV	160 pcs
			ZDK0001605	252kV	30 pcs
4	Pinggao Electric Co., Ltd.	2016-Present	512323001V01	72.5kV	541 pcs
			512323000R02	145kV	809 pcs
			512323002Q01	252kV	13 pcs

1. Key Performance List - Insulating Cylinders (2024)

No.	Customer	Cooperation Period	Model No.	Voltage Class	Quantity
5	Siemens Energy High Voltage Switch (Hangzhou) Co., Ltd.	2018-Present	C1B451-02194-003	252kV	90 pcs
			C1B451-02194-004	252kV	90 pcs
6	Xi'an Xidian High-Voltage Switchgear Co., Ltd.	2017-Present	5KA.780.10243	72.5kV	60 pcs
7	Jiangsu Woneng High-Voltage Electric Co., Ltd.	2017-Present	5WG200021	252kV	30 pcs
8	Shandong Taikai Electric Insulation Co., Ltd.	2017-Present	477000141	800kV	17 pcs
			477000142	800kV	25 pcs
9	Guangzhou Baiyun Electric Equipment Co., Ltd.	2017-Present	T54877.8	126kV	272 pcs
10	Changzhou Borui Electric Power Automation Equipment Co., Ltd.	2017-Present	TY3112	72.5kV	48
			TY3113	550kV	48

1. Key Performance List - Insulating Tie-rods (2023)

No.	Customer	Cooperation Period	Model No.	Voltage Class	Quantity
1	Jiangsu Sieyuan High-Voltage Switchgear Co., Ltd.	2016-Present	5SS.743.00103	252kV	2100 pcs
2	Shanghai Sieyuan High-Voltage Switchgear Co., Ltd.	2016-Present	5SS.743.00203	145kV	3200 pcs
3	CHINT ELECTRIC CO., LTD.	2016-Present	5ZDK.743.035	145kV	879 pcs
			5ZDK.743.066	252kV	557 pcs
			5ZDK.743.097	550kV	6 pcs
			5ZDK.743.098	550kV	3 pcs
4	Pinggao Electric Co., Ltd.	2016-Present	512321001V01	72.5kV	33 pcs
			512321001V02	126kV	103 pcs
			512321001Q01	145kV	150 pcs
5	Xi'an Xidian High-Voltage Switchgear Co., Ltd.	2017-Present	5KA.743.10094	550kV	64 pcs
			5KA.743.301	550kV	45 pcs
6	Jiangsu Rugao High Voltage Electric Appliance Co., Ltd.	2017-Present	5S015225	145kV	325 pcs
			5SR.743.00501	252kV	16 pcs
			5SS.743.00102	252kV	185 pcs

1. Key Performance List - Insulating Tie-rods (2023)

No.	Customer	Cooperation Period	Model No.	Voltage Class	Quantity
7	Jiangsu Woneng High-Voltage Electric Co., Ltd.	2017-Present	5WG.743.002	145kV	137 pcs
			8WG200203	252kV	24 pcs
			8WG200720	252kV	24 pcs
8	Shandong Taikai Electric Insulation Co., Ltd.	2017-Present	T47010005	252kV	12 pcs
			T41770035	550kV	112 pcs
9	Guangzhou Baiyun Electric Equipment Co., Ltd.	2017-Present	BY011.05.0012	252kV	153 pcs
			BY012.01.0009	252kV	23 pcs
10	Ningbo Jianrun Electromechanical Co., Ltd.	2017-Present	2T8307001A4	72.5kV	477 pcs
11	Tai'an Taishan	2017-Present	5TS.743.107	126kV	21 pcs
12	Shanghai Xidian	2017-Present	GYG-30*46*261.5	252kV	820 pcs
			GYG-28*42*2200	252kV	175 pcs

1. Key Performance List - Insulating Cylinders (2023)

No.	Customer	Cooperation Period	Model No.	Voltage Class	Quantity
1	Jiangsu Sieyuan High-Voltage Switchgear Co., Ltd.	2016-Present	8SS.770.00103	252kV	3437 pcs
			8SS.770.00203	252kV	2580 pcs
			8S021111	420kV	18 pcs
			8S074280	550kV	105 pcs
			8S074281	550kV	112 pcs
2	CHINT ELECTRIC CO., LTD.	2016-Present	5ZDK.770.016	252kV	613 pcs
			5ZDK.770.017	252kV	591 pcs
3	Pinggao Electric Co., Ltd.	2016-Present	512323001V01	72.5kV	35 pcs
			512323000R02	145kV	217 pcs
			512323002Q01	252kV	237 pcs
4	Xi'an Xidian High-Voltage Switchgear Co., Ltd.	2017-Present	5KA.780.10243	72.5kV	18 pcs
5	Jiangsu Woneng High-Voltage Electric Co., Ltd.	2017-Present	5WG200021	252kV	24 pcs
6	Shandong Taikai Electric Insulation Co., Ltd.	2017-Present	T57700087	800kV	24 pcs
			T57700082	800kV	24 pcs
7	SFAE (Shanghai) Electric Co., Ltd.	2017-Present	XLH.8770.001A	40.5kV	300 pcs
8	Changzhou Borui Electric Power Automation Equipment Co., Ltd.	2017-Present	TY3112	72.5kV	24 pcs
			TY3113	550kV	24 pcs



05^{PART}...

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WORK SUMMARY
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