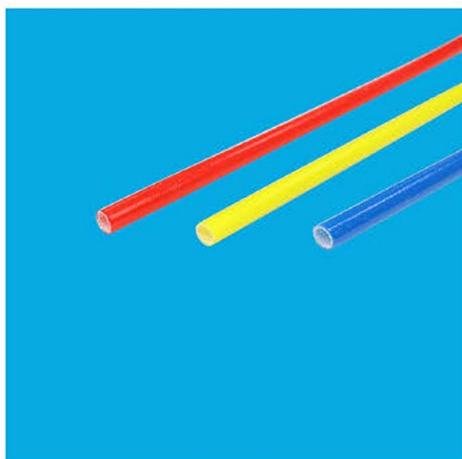


GF200 Series

Tear-resistant silicone rubber fiberglass sleeve



product description

Tear-resistant silicone rubber fiberglass sleeve is formed by weaving alkali-free glass fiber into a tube, coating the outer layer of the tube with silicone rubber, and then curing it. It has high dielectric strength, good flexibility, heat aging resistance, oil resistance, flame retardancy, and temperature resistance up to 200° C. Widely used in new energy vehicles, special vehicles, rail transit, military aerospace and other circuit insulation protection.

Features

Operating temperature: -40°C ~ 200°C

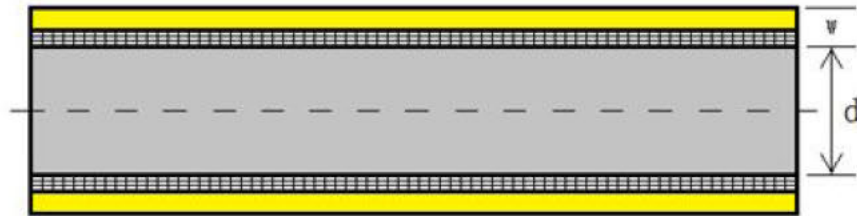
Environmental standards: RoHS, REACH

Standard colors: transparent, white, black, red, yellow, blue, green, orange, other colors can be customized.

Flame retardant grade: can be customized Expansion ratio: can be customized

Technical indicators

Item	Index value	Guideline
Exterior	No glue leakage, cracking, etc.	GB/T 7113.1-2014
Coating hydrolysis	No coating displacement, adhesion, etc.	GB/T 7113.2-2014
cold bending	-40°C, 4h, no cracks, coating peeling and delamination	IEC60684
breakdown voltage	Guideline	GB/T 7113.2-2014
tear strength	≥50N/mm	/
heat resistance	250°C± 5, 24h no droplet, no flow mark, no crack	JB/T 7093 2015



Specification

D (mm)		wall thickness W (mm)				SPQ
Specification	tolerance	1500V	2500V	4000V	7000V	m/ea
Φ2.0	-0.10 ~ 0.25	0.35±0.1	0.40±0.1	0.50±0.1	0.60±0.1	100
Φ2.5	-0.10 ~ 0.25	0.35±0.1	0.40±0.1	0.50±0.1	0.60±0.1	100
Φ3.0	-0.10 ~ 0.25	0.35±0.1	0.40±0.1	0.50±0.1	0.60±0.1	100
Φ3.5	-0.10 ~ 0.35	0.4±0.1	0.45±0.1	0.50±0.1	0.60±0.1	100
Φ4.0	-0.10 ~ 0.35	0.4±0.1	0.45±0.1	0.50±0.1	0.60±0.1	100
Φ4.5	-0.10 ~ 0.35	0.4±0.1	0.45±0.1	0.50±0.1	0.60±0.1	100
Φ5.0	-0.10 ~ 0.35	0.4±0.1	0.45±0.1	0.55±0.1	0.60±0.1	100
Φ5.5	-0.10 ~ 0.40	0.45±0.1	0.50±0.1	0.55±0.1	0.60±0.1	100
Φ6.0	-0.10 ~ 0.40	0.45±0.1	0.50±0.1	0.55±0.1	0.60±0.1	100
Φ7.0	-0.10 ~ 0.50	0.45±0.1	0.50±0.1	0.55±0.1	0.60±0.1	100
Φ8.0	-0.10 ~ 0.50	0.50±0.1	0.55±0.1	0.75±0.1	0.75±0.15	50
Φ9.0	-0.10 ~ 0.50	0.50±0.1	0.55±0.1	0.75±0.1	0.75±0.15	50
Φ10.0	-0.20 ~ 0.70	0.50±0.15	0.55±0.15	0.75±0.15	0.75±0.15	50
Φ11.0	-0.20 ~ 0.70	0.50±0.15	0.55±0.15	0.75±0.15	0.80±0.15	50
Φ12.0	-0.20 ~ 0.70	0.50±0.15	0.55±0.15	0.75±0.15	0.80±0.15	50
Φ13.0	-0.30 ~ 0.80	0.55±0.15	0.60±0.15	0.75±0.15	0.80±0.15	50
Φ14.0	-0.30 ~ 0.80	0.55±0.15	0.60±0.15	0.75±0.15	0.80±0.15	50
Φ15.0	-0.30 ~ 0.80	0.55±0.15	0.60±0.15	0.75±0.15	0.80±0.15	50
Φ16.0	-0.30 ~ 0.80	0.55±0.15	0.60±0.15	0.75±0.15	0.80±0.15	50
Φ17.0	-0.50 ~ 1.00	0.70±0.10	0.80±0.15	0.95±0.15	1.0±0.15	30

Φ18.0	-0.50 ~ 1.00	0.70±0.10	0.80±0.15	0.95±0.15	1.0±0.15	30
Φ19.0	-0.50 ~ 1.00	0.70±0.10	0.80±0.15	0.95±0.15	1.0±0.15	30
Φ20.0	-0.50 ~ 1.00	0.70±0.10	0.80±0.15	0.95±0.15	1.0±0.15	30
Φ22.0	-0.50 ~ 1.00	0.75±0.10	0.80±0.15	0.95±0.15	1.0±0.15	30
Φ25.0	-0.50 ~ 1.00	0.75±0.10	0.80±0.15	0.95±0.15	1.0±0.15	30

Note: Special sizes and packages can be customized upon request.