

Silicone Sleeve

Corona Sleeve

General Characteristics

Our Jehbsil Silicone Sleeve for corona treaters combines different properties :

- Chemically resistant.
- Excellent dielectric properties.
- High resistance to ozone and corona discharge.
- Perfect round extrusion.
- No unnecessary “bumps” on the sleeve.
- Long lasting product.
- Smooth product in its application.
- Product made in an **ISO 9001 quality assured factory.**
- **FDA approved.**
- **Ideal for food and pharmaceutical industries.**

Physical Properties

Working Temp. Range	-60°C to + 250°C
Tensile Strength	9 Mpa (approx.)
Elongation at Break	350%
Tear Strength	20 N/mm
Hardness (Durometer)	70 ± 5 Shore A
Compression Set (22 hrs at 175°C)	30% compression
Density	1.14 g/cm ³
Dielectric Strength*	18 – 20 kV/mm
Tracking Resistance	3.5 kV/10 – 30 minutes
ARC Resistance**	≈ 80 – 100 seconds
Surface Resistance*	1012 – 1013 Ω
Volume Resistivity	1015 – 1016 Ωcm

* According to VDE00303.

** According to VDE0441.



Size Range

Part No.	Roller sizes (OD)		Sleeve sizes (ID)
	Inches	mm	mm
CORONA1.5-2.0-RED	1.5	38.1	33.0 ± 1.0
CORONA2.0-2.2-RED	2.0	50.8	44.5 ± 1.5
CORONA2.5-2.0-RED	2.5	63.5	57.5 ± 1.5
CORONA3.0-2.4-RED	3.0	76.2	69.5 ± 1.5
CORONA4.0-2.5-RED	4.0	101.6	94.0 ± 2.0
CORONA5.0-2.5-RED	5.0	127.0	119.5 ± 2.5
CORONA6.0-2.5-RED	6.0	152.4	144.5 ± 2.5
CORONA8.0-2.6-OR	8.0	203.2	193.5 ± 3.5

* Other sizes are available upon request.

