

LONGER LASTING

# HUBBELL ESP<sup>™</sup> INSULATORS NOT ALL POLYMER IS CREATED EQUAL

Hubbell Power Systems, Inc. has the testing, experience, and field performance to demonstrate that our proprietary polymer materials are proven to be able to perform in the harshest environments. Hubbell® ESP (Enhanced Silicone Polymer) is a proprietary material blend of EPDM and a silicone base used for distribution insulators.



**TRACKING RESISTANCE** Tracking performance is superior in extreme conditions compared to silicone polymers



#### UV RESISTANCE

Superior protection against UV that comes from direct sunlight, corona activity, or arcing due to surface contamination



### CORONA RESISTANCE

High levels of resistance to degradation from corona activity

20X MORE RESISTANT to electrical corona activity on the

than ASTM requirements for UV

resistance testing

surface than other silicone polymers tested



#### EXTENDED LIFE

During loss of hydrophobicity, ESP is superior to silicone in withstanding the effects of electrical activity



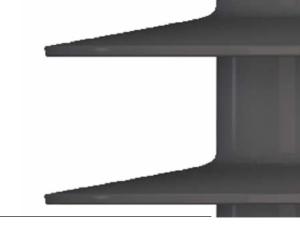
## TEAR STRENGTH

ESP rubber is formulated tough with high mechanical strength, due to its backbone, fillers and additives



#### BIRD RESISTANCE

More resistant to bird and rodent-related damage due to high mechanical strength



THE

than silicone polymer

TEAR STRENGTH

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