



## **TRANSMISSION COMPONENT**

Elastomeric Suspension Insert, Spacer Clamps and Dampers are used in Armour Grip suspension unit in high voltage power transmission line. These are designed to reduce the static and dynamic stresses at the conductor support point to maintain the bundled conductor at their design configuration and to accommodate the mechanical force and movement arising from transients phenomena such as short circuit, ice drop and wind loading in the transmission line.

### **Products Type**

- Suspension Insert
- Spacer Clamp
- Spacer Damper

### **Features**

- Use of Elastomers compound with controlled electrical resistance property.
- Withstand the long terms degrading effect of UV, Ozone and pollutant
- Function under extreme environmental condition.
- Use of Aluminum alloys with high strength & corrosion resistance as metal insert.

### **Typical Rubber Properties**

- Rubber : Neoprene/EPDM
- Tensile Strength : 100kg./cm<sup>2</sup>(Min)
- Elongation : 200% ( Min.)
- Hardness : 70± 5 Shore A
- Electrical Resistance : 0.4 0 1.0 Mega Ohm
- Ozone Resistance : No crack after exposure at 50 pphm Ozone concentration for 500hrs.