

Handling and storage of conductive elastomers

Conductive silicone and fluorosilicone elastomers

Conductive elastomer products are expected to provide a service life of many years. However, if the product is to be stored, certain factors may have a detrimental effect. Kemtron recommend that the following precautions are carefully observed to ensure product longevity:

Handling

These materials should not be subjected to stretching in either storage or installation otherwise the conductive particles may disperse in the rubber, resulting in degradation of the shielding performance. In addition materials should be handled using cotton gloves to prevent surface contamination. Extra care must be used when fitting gaskets into channels, especially "O" rings.

The product should be eased into the final groove shape from each end or opposite diagonals, working slowly inwards or round the outside. It must not be placed in at one end and simply pushed in along the length, this will stretch the gasket and leave excess material. If in doubt please contact us for our recommendations.

Storage temperature

It is recommended that the product be stored at normal ambient temperatures.

Exposure to light and UV

Exposure to any UV source (i.e artificial or natural light) should be avoided if possible. It should be kept stored in light proof, sulphur free packaging.

Method of storage

The material must be stored without any stretching or crushing. It is best kept in light proof, sulphur free polythene bags or light proof, sulphur free boxes.

Contact with other materials

The product should not be allowed to come into contact with Solvents, oils and greases, PVC, any material containing sulphur, dissimilar rubbers or metal containers.