

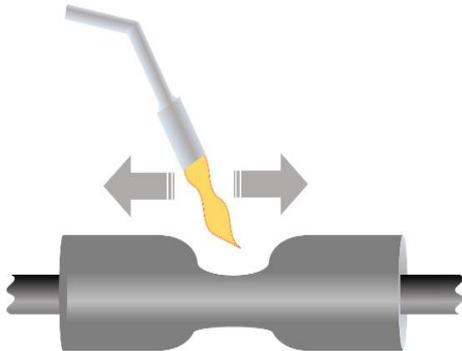
REPL offer products using three main methods of installation technology.

Each technology has specific advantages depending on the criteria of the user.

We can offer impartial advice on the selection of product to ensure it meets their needs in terms of suitability for application, environment and total cost of ownership.



Heat Shrink



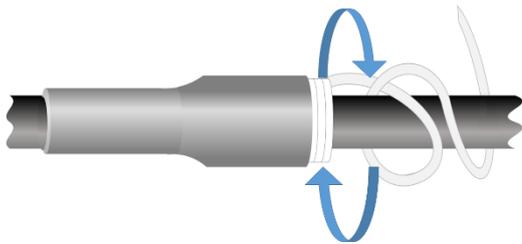
Well established for use on low and medium voltage cables, heat shrink products are usually made of polyolefin type plastics which have been modified to allow them to be expanded. When heat is applied they recover to their original shape. Heat Shrink is very versatile and the products can be made to enhance properties such as weathering or increase resistance to electrical tracking.

Heat Shrink is resistant to most chemicals and also becomes very rigid once it has been heated making it a good choice for mechanical protection. However, the rigidity gives an inability to expand and contract with the cable, meaning an effective environmental seal cannot be maintained without the aid of hot-melt adhesives or mastic tapes.

When stored correctly, there is no shelf life for the product



Cold Shrink



Cold Shrink uses elastomeric materials such as Silicon or EPDM rubbers, which are pre-stretched onto a tube made from plastic tape in a tight spiral.

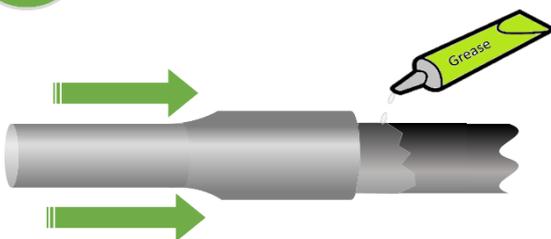
By unwinding the spiral tube, the material recovers to its original size.

The obvious advantage to Cold Shrink is the elimination of heat source to install. In addition the rubber material will follow and expansion and contraction of cables without need for adhesives or mastics.

Care is needed to store product and there is a finite shelf life to ensure "memory loss" is avoided.



Push - On



Similar to Cold Shrink, these are made from elastomeric material and are not expanded before installation.

The product is applied by sliding onto cable cores with use of grease as a lubricant.

It has same benefits as Cold Shrink, but the range of diameters it can be used on is restricted.

As the product is stored in an unexpanded state, the shelf life is very good if stored correctly