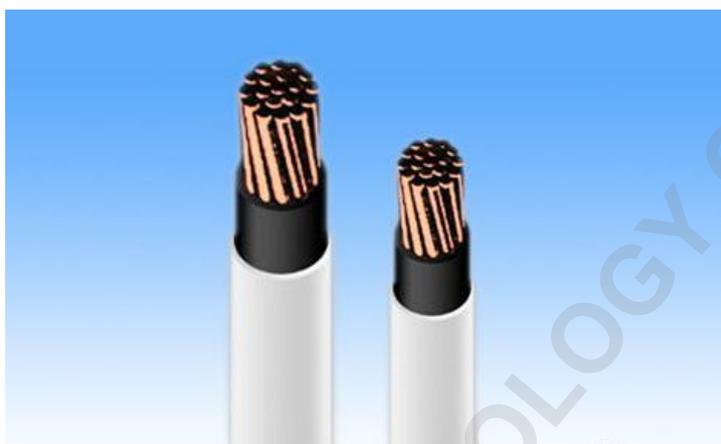


## Repair Method Of Wire And Cable Insulation Sheath

When PVC wire and cable insulation and sheathing layer appear defects, it is allowed for repair, such as broken plastic, collapse pit, out of touch, wrinkles, uneven, bag edge breakdown, fittings and other phenomena.

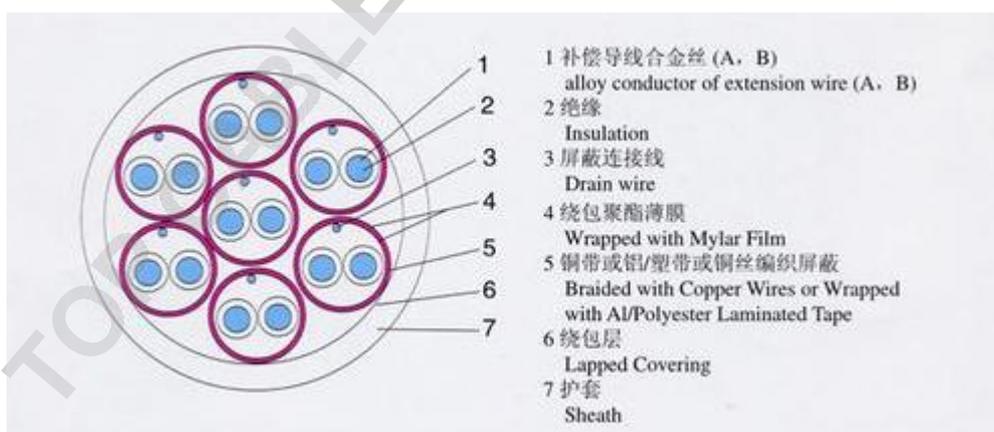


Here, we will introduce some methods to repair them:

1. **Tools and material:** Wire and cable, electrical insulation and sheathing

2. **Method:**

2.1 **Appliance range:**



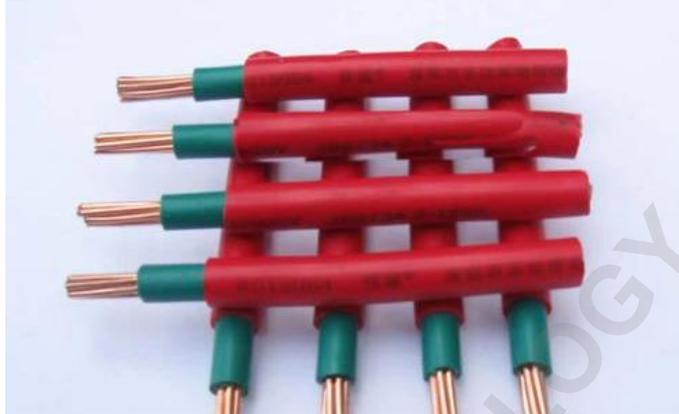
When PVC wire and cable insulation and sheathing layer appear defects, it is allowed for repairing.

2.2 **Used material and equipment:**

Plastic raw materials with the same plastic strips, bark, block, pipe, raw materials should be smooth, clean, no other defects.

The equipment used was a fine rasp, knife, scissors, pliers, screwdrivers, copper cables or smooth paper. Plastic hot air plastic welding torch, electric iron, welding torch with power more than 300W.

### 2.3 Method of repairing defects:



Method of repairing breakdown point, perforations, collapse pits:

Use knife trimming defects, and cut into a cross-sectional shape of the slope angle of 45 the same size block of plastic on the repair area, using pliers or a screwdriver fixed, then with hot Winds continuous weld torch with copper compaction, pressing, pressing. Plastic welding, hot air welding torch attention temperature not too high, so as not to mend plastic scorch. Defect repaired by sparks at the test, no breakdown as qualified. Knife in the plastic layers cut into the defect site 45 angle of elevation, to the shape, color, uniform thickness of the plastic blocks or strips, fixed with pliers or a screwdriver after using a hot torch connected wind speed, and then use copper compaction, pressing, pressing, and finally by the spark test machine, no breakdown is qualified. Calibrating the plastic knife defect, the recessed portion filled with the same plastic strip under the action of hot air plastic welding gun, then use copper in defect repair at the flattened, pressed, compacted by spark machine test, no breakdown is qualified.

**2.4 Method of repairing large joint:**

Cut the sides off the plastic knife to cut the plastic layer circumference whittled a 45 angle of elevation along, get clean, consistent color and thickness, consistent length and outside off and glue at plastic pipe on one side along the tube axis cutting whittled to 45 angle to each other sets in the opening rubber at the break with a fine copper wire equidistant truss, and then use the same plastic strip under the hot air plastic welding torch welding, adhesive bonding well, then copper compaction, pressing. Tested by sparks test, no breakdown is qualified.

**2.5 Repair large joint during production process:**

In the production process, a temporary stop or the sheath off caused by other reasons, continuous joint. The method is to cut the plastic sheath whittled circumferential angle of 45 slope shape, and retreated to the head, 30mm length of the mandrel extending into the mouth, then ran gum, the gum after a good run, the crew complement each other well, driving when the plastic layer connected by hand, and then shaping and repair.