

INSTALLATION INSTRUCTION

Heat Shrink Gland

General Instruction:

The Heat Shrinkable Cable Gland is designed to provide reliable mechanical retention, environmental sealing, and strain relief where power or control cables enter electrical equipment, junction boxes, cabinets, and panels. The assembly consists of a heat shrinkable molded gland body, threaded gland base, O-ring, and plastic lock nut.

Cable Preparation:

Cut the cable to the required length. Remove the outer sheath according to the cable termination requirements. Complete conductor preparation if required. Remove dirt, grease, oil, moisture, and loose particles from the cable sheath. Ensure the cable outside diameter (OD) falls within the specified cable range of the gland.

Installation:

Prepare the panel by providing the correct mounting hole and removing any burrs or sharp edges. Insert the threaded gland body through the cabinet or panel opening from the outside. (Fig 1)



Fig. 1

Position the O-ring between the gland flange and the panel surface, then tighten the plastic lock nut from the inside until the gland is securely fixed. (Fig 2)

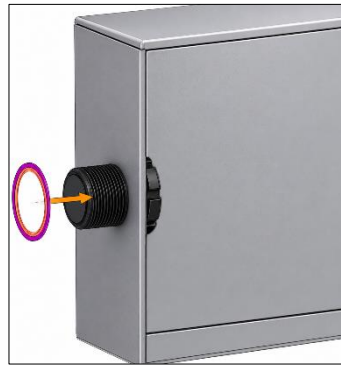


Fig. 2

Pass the cable through the gland assembly and slide the heat shrinkable molded gland over the cable sheath. Position it correctly to provide adequate overlap with the cable jacket for effective sealing. (Fig. 3)

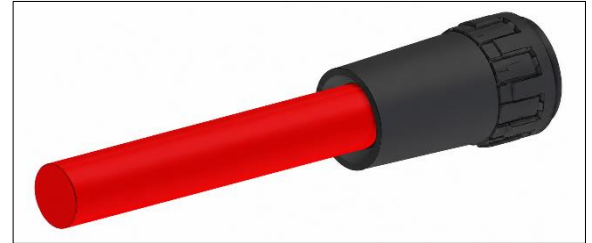


Fig. 3

Using a hot-air gun or propane torch, apply uniform heat while continuously rotating the heat source around the gland. Start heating from the cable side and progress towards the gland body until the molded part has fully recovered and conforms tightly to the cable. (Fig. 4)



Fig. 4

Allow the assembly to cool naturally. Inspect the installation to ensure the gland is securely fastened, the O-ring is properly compressed, the heat shrink has fully recovered without wrinkles or air pockets, and the cable is firmly retained with an effective environmental seal. The installation is now complete. (Fig 5.)

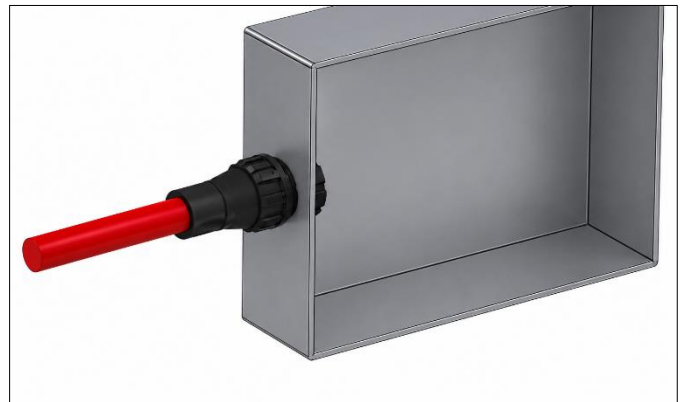


Fig. 5