



Selco Products is excited to offer custom TPE material over-molded thermistors for our customers. The TPE housing material is fused to the TPE lead wire insulation during the over-molding process. This creates a moisture-proof seal between the probe housing and the lead wire insulation. These thermistors are well suited to refrigeration applications. Assemblies can be used in any application with an overall operating temperature range of -40°C to 125°C.

***These TPE thermistors are well suited for refrigeration or other applications requiring moisture resistance.***

**TPE thermistor attributes include:**

- Accuracy as high as  $\pm 0.2^{\circ}\text{C}$  over  $0^{\circ}\text{C}$  to  $70^{\circ}\text{C}$  or a tolerance of  $\pm 1.0\%$  or less depending on the application
- FDA compliant TPE material can be supplied and may be considered for NSF or medical applications.
- Can be supplied with UL 1434 discrete thermistor certification if desired
- Probe housing dimensions are 0.252" (6.4 mm) x 1.130" (28.7 mm) in length—other dimensions can be provided as required
- Leads are #22 AWG or as required, and lead lengths can be varied to suit the application



**Options available:**

Thermistors can be supplied in gray, black, white, and other colors depending on the volumes required.

Crimp contacts or connectors can be added to the thermistor assembly leads.

**Click below for additional info:**

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