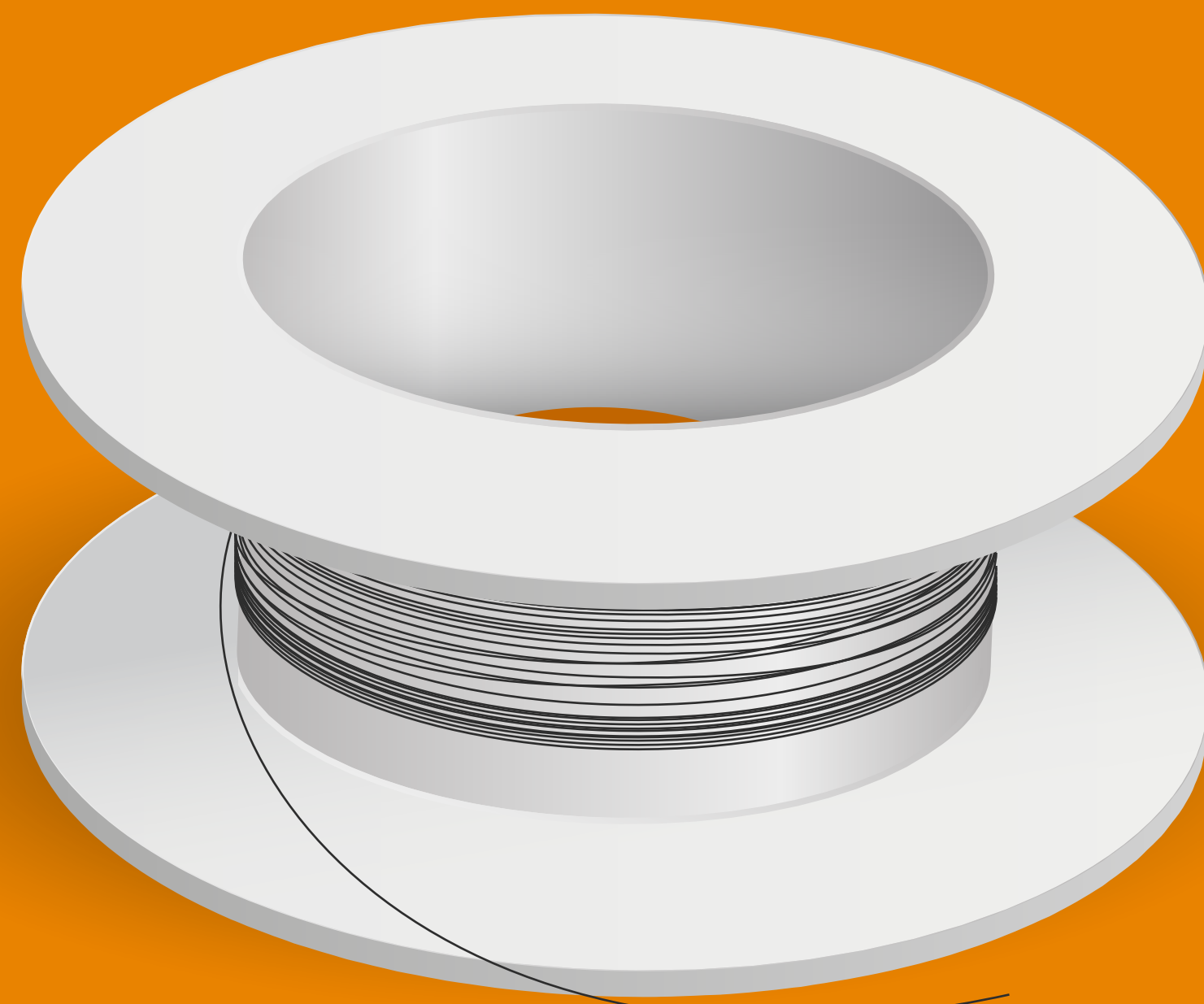


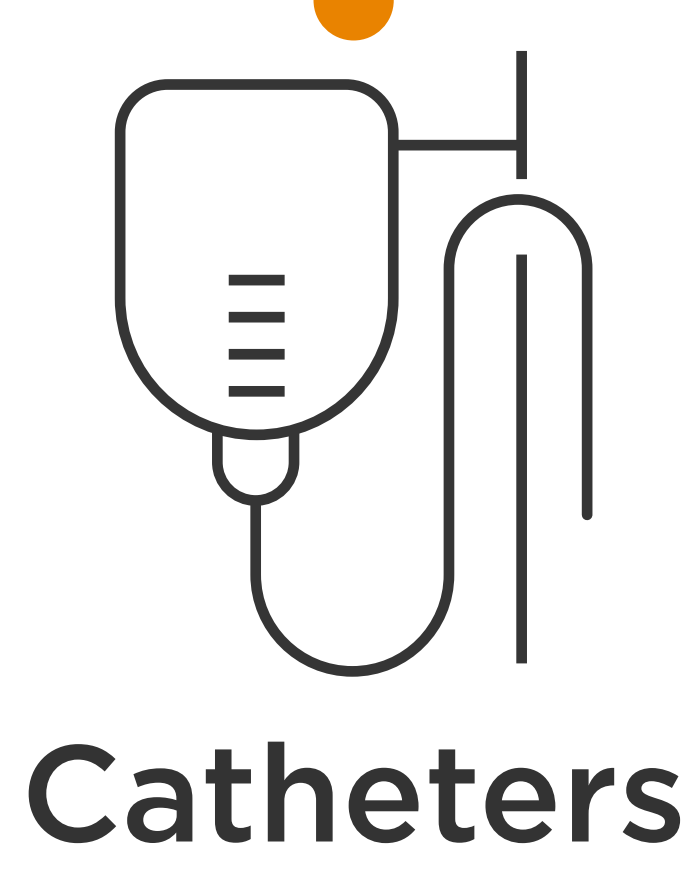
# MICRO-THERMOCOUPLES



## FAST, ACCURATE, FLEXIBLE, FINE GAUGE THERMOCOUPLES

With an innovative ultra-thin junction insulation to minimize the tip diameter and superior accuracy, TE Connectivity (TE) micro-thermocouples (MTC) are leading the industry in performance in even the most complex environments. Our MTCs are suited for medical or specialty applications that require an extremely small temperature sensor to provide a rapid response to changes in temperature.

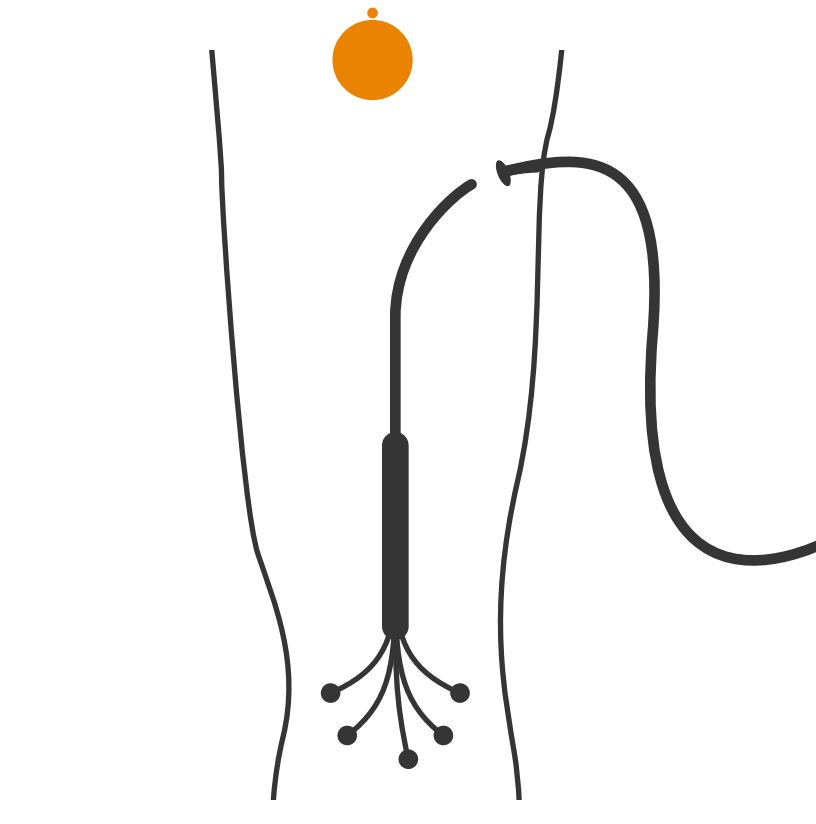
## APPLICATIONS



Catheters



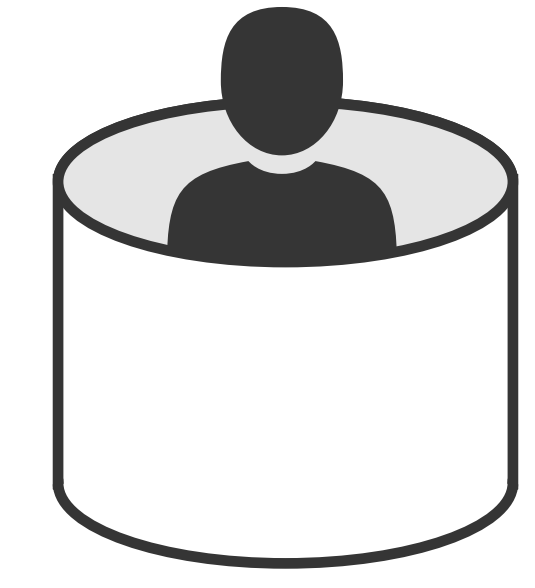
Medical Devices



Tissue Shrinkage



Ablation Catheters



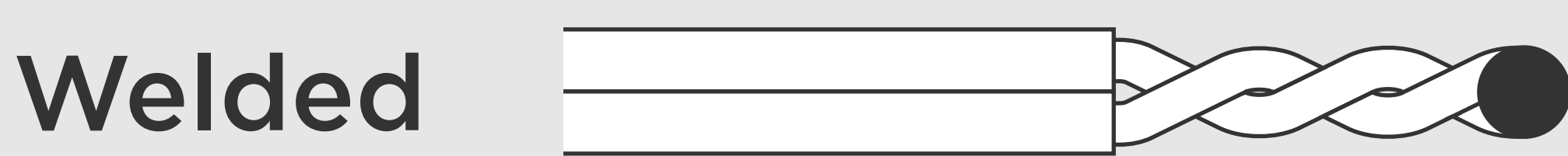
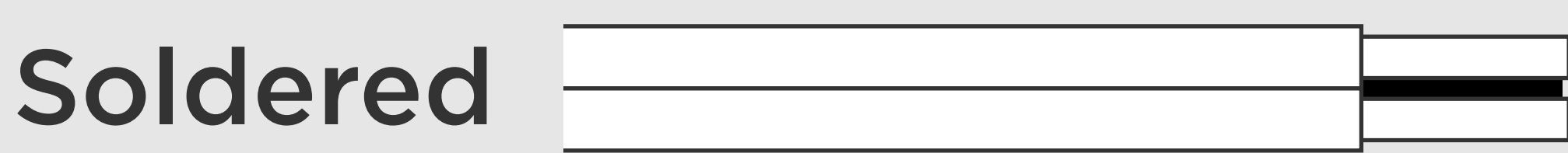
Cryotherapy

## SPECIFICATIONS

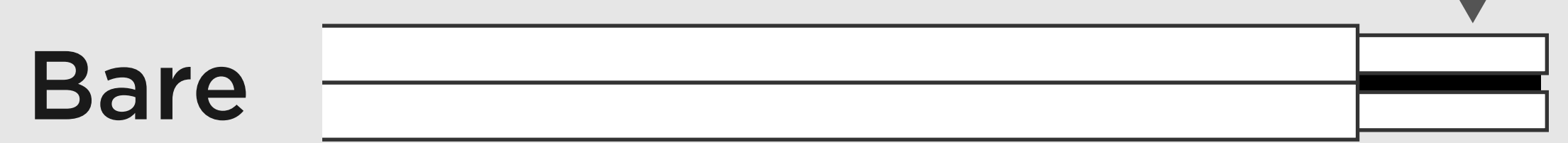
### THERMOCOUPLE TYPES

Type	Standard	Special	Custom
K	±2.2°C or 0.75%	±1.1°C or 0.4%	NA
T	1.0°C or 0.75%	±0.5°C or 0.4%	±0.2°C

### JUNCTION TYPES



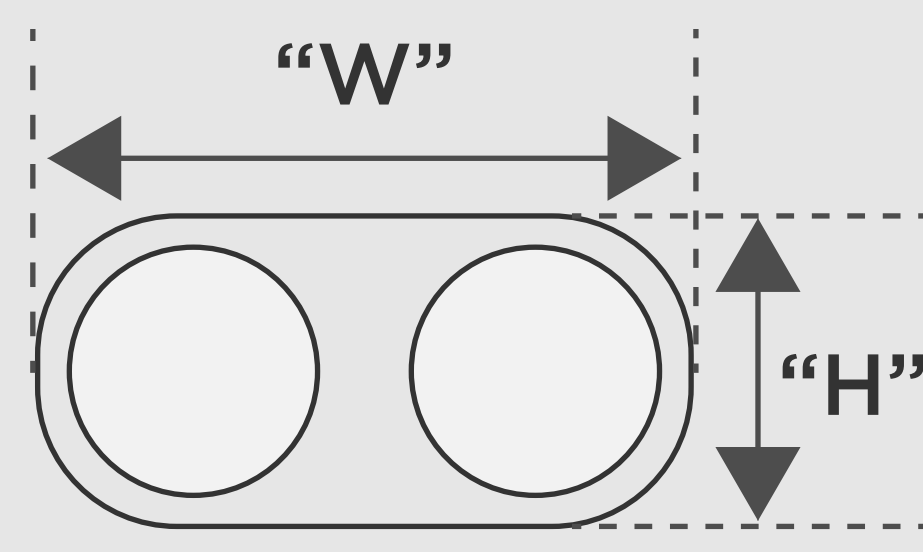
### JUNCTION INSULATION



### STANDARD WIRE GAUGES

**44 AWG**  
(0.0030" x 0.0060" (HxW) max)

**40 AWG**  
(0.0041" x 0.0081" (H x W) max)

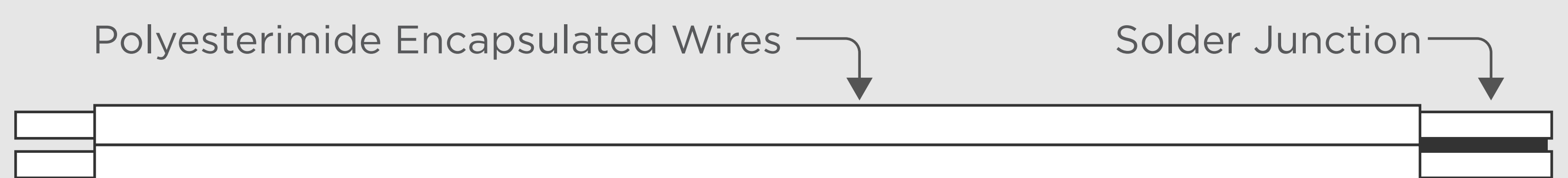


### JUNCTION INSULATION

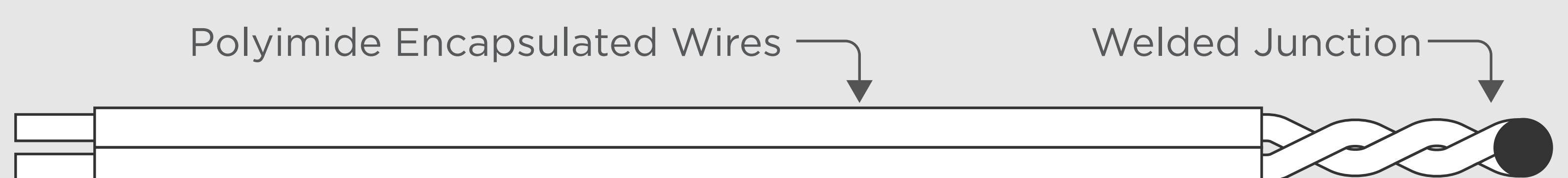
Polyesterimide  
Polyimide

### MODEL OPTIONS

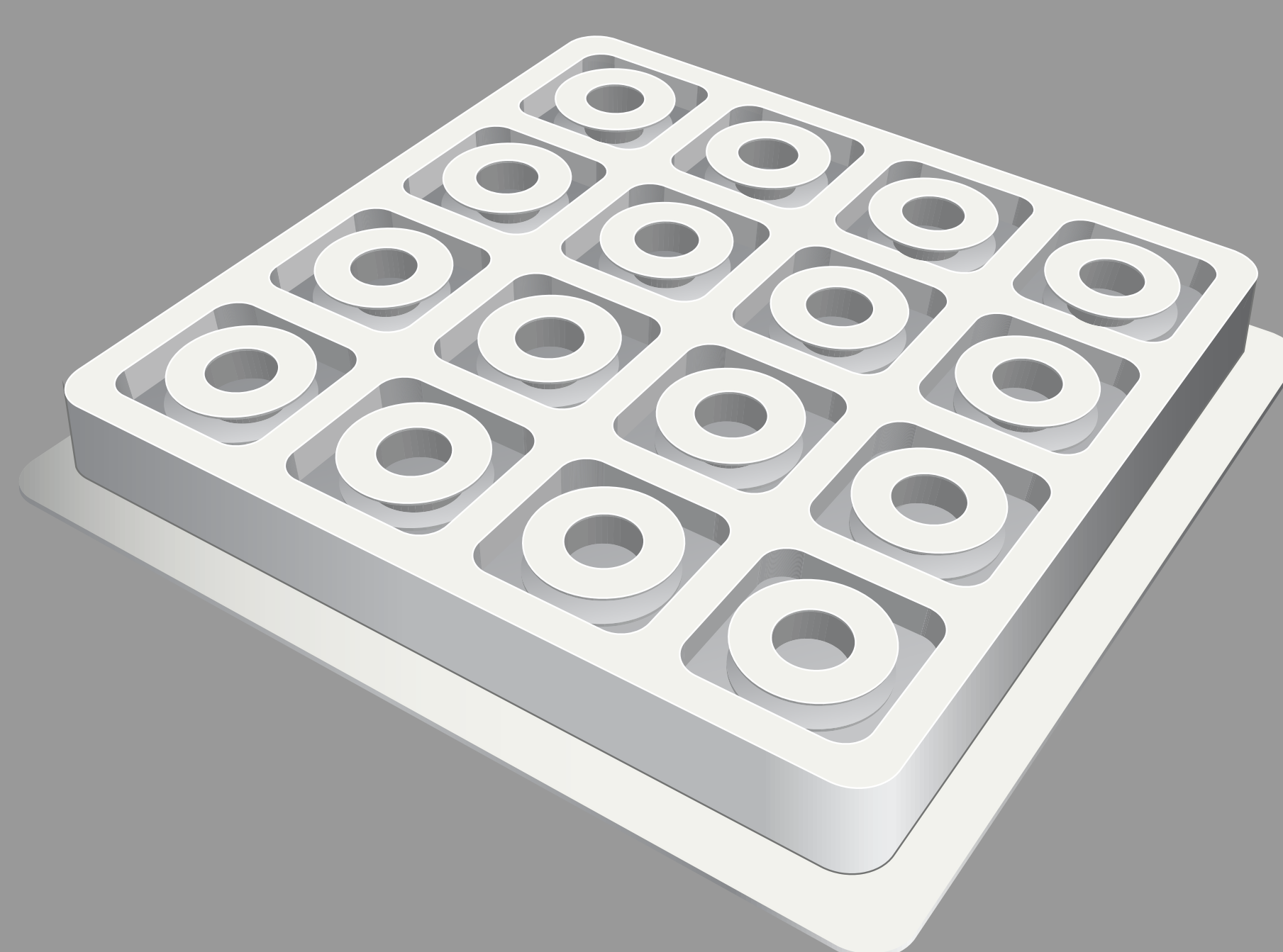
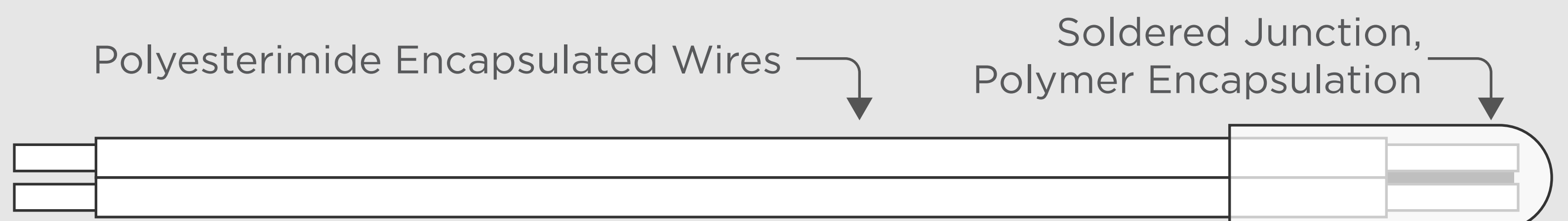
**Model 600**  
Soldered, Non-Insulated Junction



**Model 601**  
Welded, Non-Insulated Junction



**Model 605**  
Soldered, Insulated Junction



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