

# Dynisco Graduated Retractable Melt Thermocouple (GRMT)



## Description

The Graduated Retractable Melt Thermocouple (GRMT) is used to measure temperatures inside the polymer melt stream. The depth of immersion of the junction into the hot melt stream can be varied from zero to mid-stream during maximum flow and pressure conditions, without removing the sensor from the adapter. Using the graduations on the stem of the temperature sensor allows the user to choose and monitor the specific depth at which the junction is in the melt stream.

## Features & Benefits

- TC Junction can be centered in hot melt stream
- Retractable from flush to 2.5"
- Up to 900°F (480°C) melt temperatures
- All stainless steel construction
- Exposed junction
- 1/2-20 UNF mounting configuration
- Obtains temperature profiles without stopping the process
- Designed for extrusion applications
- Corrosion resistant option available – HAST C
- Directly replaces any standard melt thermocouple

## Ordering Guide

DESCRIPTION	MODEL	IMMERSION DEPTH		SENSOR		PROBE			BOLT		ELEMENT		MATERIAL	
		CODE	LENGTH	CODE	TYPE	CODE	OUTSIDE DIA	CODE	LENGTH	CODE	STYLE	CODE	MATL	
GRADUATED RETRACTABLE MELT THERMOCOUPLE (1/8" GRAD)	GRMT	45	FLUSH TO 1"	2	J (STD)	2	1/8"	0 3	3"	S	SINGLE (STD)	BLANK	STD	
		47	FLUSH TO 2.5"	4	K	7	1/8" WITH 3/16" PROTECTION TUBE	0 6	6"	D	DUAL	HAST C	HASTELLOY C	
				9	RTD SPECIFY TYPE			0 9	9"	U1	2 WIRE RTD			

