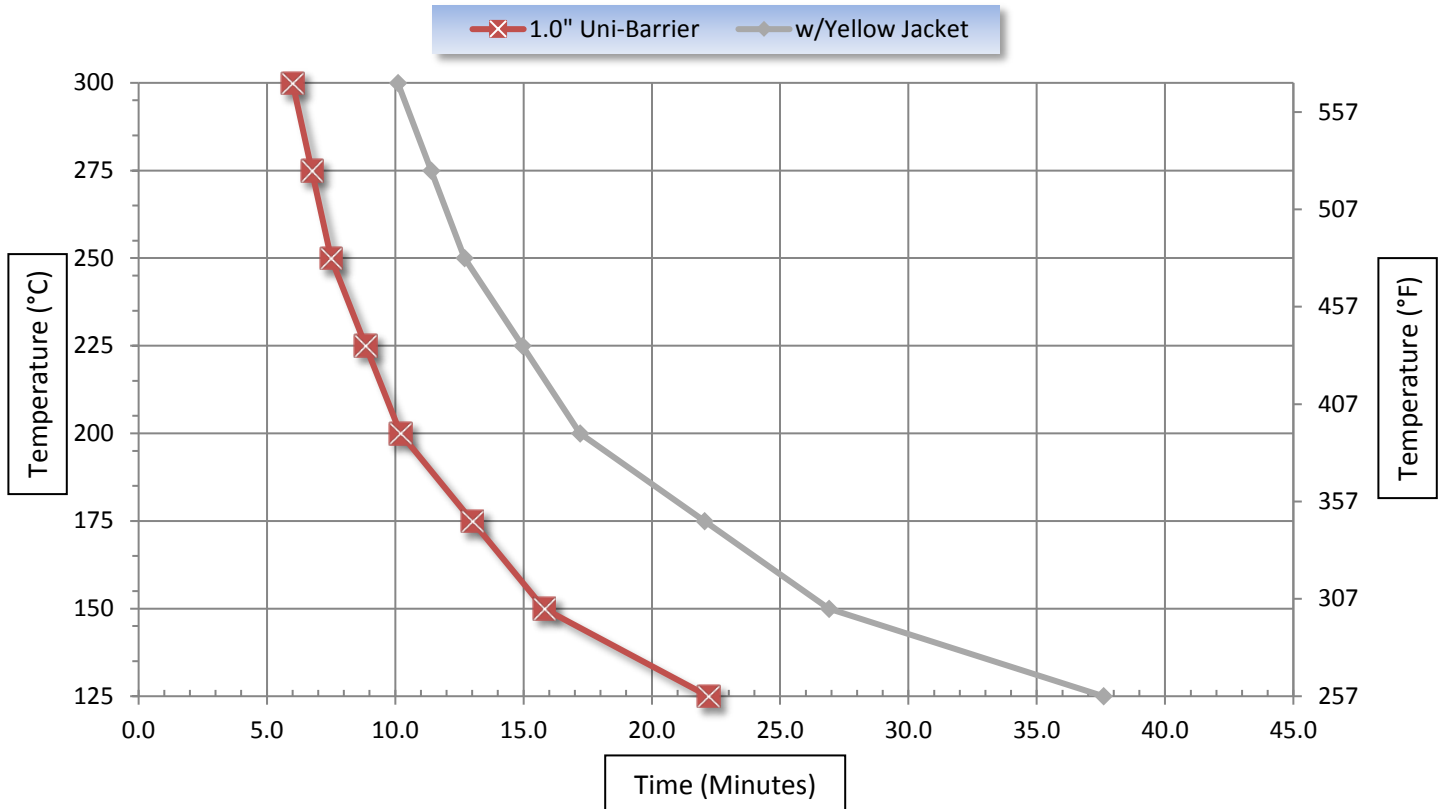


# Thermal Barrier Datasheet

## 1.0" Uni-Barrier & Yellow Jacket

ECD P/N: E42-0901-80

This barrier is designed for short processes with a small clearance at the entry of the oven. This Thermal Barrier is for use with the SuperM.O.L.E.® Gold & SuperM.O.L.E.® Gold 2 Thermal Profilers.



Temperature:	125°C [257°F]	150°C [302°F]	200°C [392°F]	250°C [482°F]	300°C [572°F]
Duration time (Barrier):	22.2 min.	15.8 min.	10.2 min.	7.5 min.	6.0 min.
Duration time (w/Jacket):	37.6 min.	26.9 min.	17.2 min.	12.7 min.	10.1 min.
Max Operational Temp.:	The maximum operating temperature of the thermal barrier is 300°C [572°F]!				
Handling Details:	Cool thermal barrier to room temperature 25°C [77°F] before reuse.				



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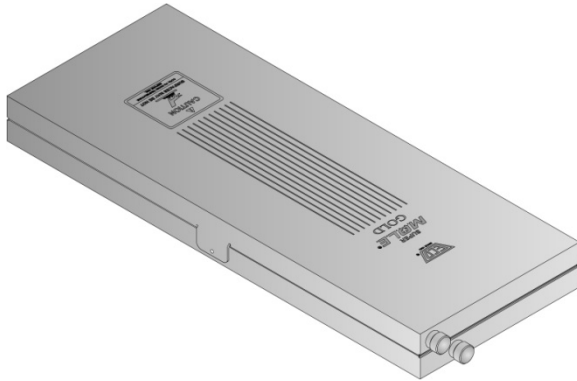
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# Thermal Barrier Datasheet

## 1.0" Uni-Barrier & Yellow Jacket

ECD P/N: E42-0901-80



M.O.L.E.® Thermal Barrier  
(Part Number: E42-0901-80)



M.O.L.E.® Thermal Barrier w/Yellow Jacket  
(Part Number: E44-0944-80)

	Height:	Width:	Length:	Weight:
Barrier Dimensions:	26.9mm [1.06"]	104mm [4.1"]	269.7mm [10.62"]	0.88kg [1lbs 15oz]
Yellow Jacket Dimensions:	32.5mm [1.28"]	115mm [4.53"]	286.5mm [11.28"]	0.05kg [0.1lbs]



Figure 1 – External View



Figure 2 – Internal View



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