

# TempTrust™ Reusable, Extreme & Green Tech Pre-Qualified Packaging Solutions

## Quick Reference

### TempTrust Reusable Coated Solutions

Produced from the highest quality EPS, TempTrust reusable coated solutions provide outstanding thermal performance and be repeatedly recovered, inspected and reissued. This provides a rapid return-on-investment and a lower cost-per-trip than single-use packaging.

Each Arcel coated EPS cooler sits inside a plastic corrugate shell that defends against the dents and dings during shipping and storage, includes optimized refrigerants and complete pack-out diagrams and Standard Operating Procedures (SOPs). All solutions were developed and qualified in our ISTA 7E certified lab, with each solution available for seasonal and regional profiles.



Contact your Mesa Labs sales rep for more information or specifics on each pack-out configuration.

Model	Payload Capacity (Liters)	Payload Inner Dimensions (Inches)	Package Outer Dimensions (Inches)	Refrigerant	Outer Corrugate	Durations Available (hours)					Prequalified Temperatures Available (in C)			Pack-outs Available	System Tare Weight (lbs)
						24	36	48	72	96	-15 to -25	2 to 8	15 to 25		
147Arcel	1.5	7.25 x 5 x 2.5	10.5 x 8.25 x 8.5	PCM	Plastic							x	x	U	5.5 lbs
92Arcel	2.5	6.6 x 6.25 x 3.75	13.25 x 11.5 x 11.5	PCM	Plastic						x	x	x	S, I, W	7.7 to 10.5 lbs
50Arcel	4.4	9 x 5 x 6	15 x 11.6 x 11.8	PCM	Plastic						x	x	x	S, I, W	13.6 lbs
50Arcel	4.4	8.5 x 7.5 x 4.25	15 x 11.6 x 11.8	PCM	Plastic						x	x	x	S, I, W	13.6 lbs
71Arcel	6.8	10 x 7.5 x 5.5	13.75 x 13.75 x 12	PCM	Plastic						x	x	x	S, I, W	16 to 19 lbs
100Arcel	14.5	14 x 9 x 7	18.12 x 13.5 x 15	PCM	Paper						x	x	x	S, I, W	14 to 22 lbs
135Arcel	28.8	16 x 11 x 10	22.13 x 16.9 x 10	PCM	Plastic						x	x	x	S, I, W	29 to 32 lbs
73Arcel	48.8	21.6 x 14.1 x 9.75	26.37 x 20.5 x 20.25	PCM	Plastic						x	x	x	S, I, W	29 to 41 lbs

Seasonal Pack-outs: S = Summer, I = Intermediate, W = Winter, U = Universal \*Tare weight can vary based on configuration

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# TempTrust™ Extreme, Reusable Pre-Qualified Packaging Solutions

## Quick Reference

### TempTrust Extreme Reusable Solutions

Constructed with a durable EPP outer shell, tinted black to keep it looking new, the TempTrust Extreme literally bounces back from dents and dings. When combined with tested EPS, VIPs and refrigerants, you get an optimized solution that will surpass expectations. Rugged and lightweight, made to take the harsh environments and ideal for multiple shipments. Developed in our ISTA 7E qualified lab, each solution is fully qualified, and includes complete pack out diagrams and SOPs.



Model	Payload Capacity	Payload Inner Dimensions (Inches)	Package Outer Dimensions (Inches)	Durations Available (hours)				Prequalified Temps Available (in C)			System Tare Weight (lb)
				72	96	144	200	-15 to -25	2 to 8	15 to 25	
TT Extreme - 0.5" VIP	9	11.0 x 6.25 x 8	20.25 x 15.63 x 17.35					x	x	x	22.8 lbs
TT Extreme - 0.5" VIP - PCM	9	11.0 x 6.25 x 8	20.25 x 15.63 x 17.36					x	x	x	22.8 lbs
TT Extreme - EPP - EPS	9	11.0 x 6.25 x 8	20.25 x 15.63 x 17.41					x	x	x	22.8 lbs
TT Extreme - 1.0" VIP	20.5	13.25 x 9.0 x 10.5	20.25 x 15.63 x 17.38					x	x	x	39.2 lbs

### TempTrust Green Reusable Solutions

The TempTrust Green uses aluminum lined PLA encapsulated microfiber made from plants, making it FDA approved for direct food contact. The solution is fully compostable and recyclable, yet retains its temperature levels via ISTA 7E lane data and PDA Technical Report 39 guidance. The complete solution includes an outer corrugate shell, sectioned aluminumized PLA panels, payload box, frozen and refrigerated gel packs, and complete pack out diagrams and SOPs.



Model	Payload Capacity (Liters)	Payload Inner Dimensions (Inches)	Package Outer Dimensions (Inches)	Refrigerant	Outer Corrugate	Durations Available	Prequalified Temperatures Available	Pack-outs Available	System Tare Weight (lbs)
092	2.5	6.6 x 6.25 x 3.74	13.25 x 11.5 x 11.4	Gel Pack	Paper	48 hour	2 to 8 C	Universal	7.5
050	4.4	8 x 5 x 6	14 x 11.6 x 11.8						13.3
071	6.8	9 x 7.5 x 5.5	13.75 x 13.75 x 11						15.8

For detailed features and specification on the above solutions, please consult the latest data sheet. Contact your Mesa Labs representative for more information or specifics on each pack-out configuration.

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