

ChillTech®

REUSABLE

SONOCO
THERMOSAFE®
laminarmedica®
insulated shipping systems

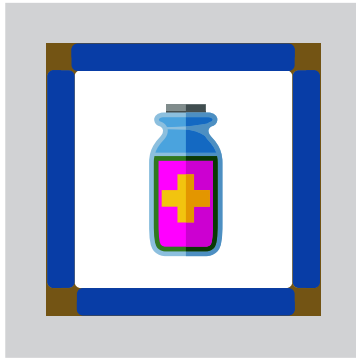


REUSABLE UNIVERSAL SOLUTIONS

ChillTech is our pre-qualified range of 2°C to 8°C reusable shipping systems providing temperature control from 48 hours to 144 hours for payloads ranging from 5L to 40L.

Focused on optimizing inventory costs and ease of personnel training, ChillTech shippers utilize the same pack-out configuration across seasons, durations and payloads while increasing operational efficiency using our patented ZERO Bench-Time® technology option. All solutions are fully qualified to ISTA 7D and 7E temperature profiles.

EASE OF PERSONNEL TRAINING



REGIONAL
EPS Solutions



COMPACT
VIP Solutions



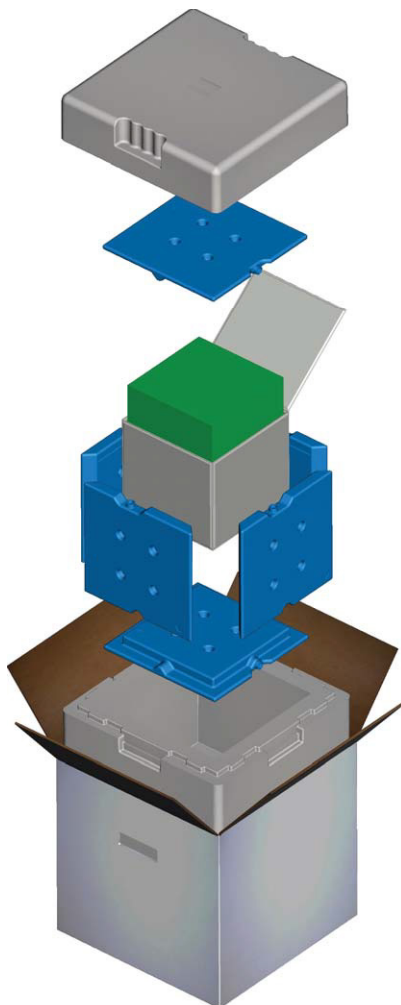
GLOBAL
EPS + VIP Solutions

MISTAKE PROOF

- The same pack-out configuration across all seasons, payloads and durations

EMBRACE SIMPLE™

- Simply change the outer insulated shipper to switch shipment duration from 48 hours to 72 hours to 144 hours



OPERATIONAL EFFICIENCY

PROLONG DURATION

- Keep the systems in qualified refrigerators during transit as the PCM will hibernate and re-activate once shipped out

REDUCE INVENTORY COSTS

- Use common PCM bottles across payloads and durations

SAVE ON ASSEMBLY TIME AND SPACE

- Utilize our ZERO Bench-Time® technology option which allows our solutions to be packed out immediately after the PCM bottles are removed from the freezer



5L



10L



20L



40L

Payload

Liter	5.4	10.3	19.6	38.5
mm	223 x 223 x 108	223 x 223 x 208	423 x 223 x 208	423 x 223 x 408
Inches	8.78 x 8.78 x 4.25	8.78 x 8.78 x 8.19	16.65 x 8.78 x 8.19	16.65 x 8.78 x 16.06

ChillTech® Regional Provides temperature control from 48 to 72 hours

Part #	CHR5	CHR10	CHR20	CHR40
Outer Dimensions	15.67 x 15.59 x 11.73	15.67 x 15.59 x 15.67	23.58 x 15.59 x 15.67	23.58 x 15.59 x 23.54
inches [mm]	[398 x 396 x 298]	[398 x 396 x 398]	[599 x 396 x 398]	[599 x 396 x 598]
Tare Weight	13.9 [6.3]	18.5 [8.4]	28.9 [13.1]	43.4 [19.7]
lb [kg]				
Volumetric Weight	17.3 [7.8]	23.0 [10.5]	34.7 [15.7]	52.1 [23.6]
lb [kg]				

ChillTech® Compact Provides temperature control from 72 to 120 hours

Part #	CHCM5	CHCM10	CHCM20	CHCM40
Outer Dimensions	13.78 x 13.43 x 9.76	13.78 x 13.43 x 13.70	21.42 x 13.66 x 13.70	21.42 x 13.66 x 21.57
inches [mm]	[350 x 341 x 248]	[350 x 341 x 348]	[544 x 347 x 348]	[544 x 347 x 548]
Tare Weight	17.4 [7.9]	22.9 [10.4]	35.1 [15.9]	52.0 [23.6]
lb [kg]				
Volumetric Weight	10.9 [4.9]	15.3 [6.9]	24.1 [10.9]	38.0 [17.2]
lb [kg]				

ChillTech® Global Provides temperature control from 96 to 144 hours

Part #	CHG5	CHG10	CHG20	CHG40
Outer Dimensions	15.67 x 15.59 x 11.73	15.67 x 15.59 x 15.67	23.58 x 15.59 x 15.67	23.58 x 15.59 x 23.54
inches [mm]	[398 x 396 x 298]	[398 x 396 x 398]	[599 x 396 x 398]	[599 x 396 x 598]
Tare Weight	17.4 [7.9]	23.1 [10.5]	35.3 [16.0]	52.5 [23.8]
lb [kg]				
Volumetric Weight	17.3 [7.8]	23.0 [10.5]	34.7 [15.7]	52.1 [23.6]
lb [kg]				

RECLAMATION AND REFURBISHMENT



Our ChillTech solutions seamlessly integrate with the SHIP2Q reclamation process. All components perform to original specifications and the shipper is decontaminated using proprietary UV sanitization technology at all of our global reclamation centers.

Additionally, our 21 CFR Part 11 compliant inventory management system provides 100% visibility of your assets throughout the supply chain. To learn more, please visit thermosafe.com/reclamation.



4L



8L



16L



32L

Payload with **ZEROBENCHTIME™** (ZBT) PACK

Liter	3.6	7.9	15.6	32.3
mm	206 x 206 x 86	206 x 206 x 186	406 x 206 x 186	406 x 206 x 386
Inches	8.11 x 8.11 x 3.39	8.11 x 8.11 x 7.32	15.98 x 8.11 x 7.32	15.98 x 8.11 x 15.20

ChillTech® Regional Provides temperature control from 48 to 72 hours

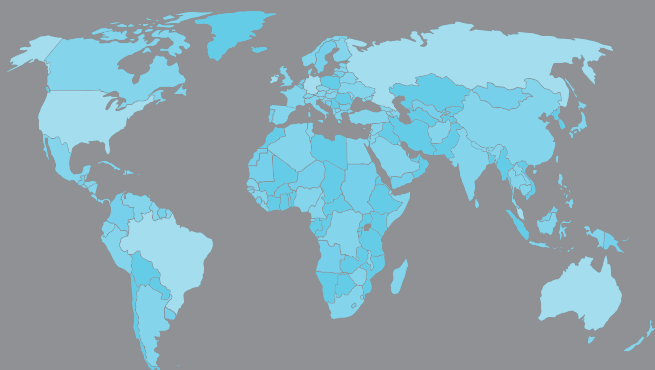
Part #	CHR4Z	CHR8Z	CHR16Z	CHR32Z
Outer Dimensions	15.67 x 15.59 x 11.73	15.67 x 15.59 x 15.67	23.58 x 15.59 x 15.67	23.58 x 15.59 x 23.54
inches [mm]	[398 x 396 x 298]	[398 x 396 x 398]	[599 x 396 x 398]	[599 x 396 x 598]
Tare Weight	16.0 [7.3]	21.8 [9.9]	34.3 [15.6]	51.7 [23.5]
lb [kg]				
Volumetric Weight	17.3 [7.8]	23.0 [10.5]	34.7 [15.7]	52.1 [23.6]
lb [kg]				

ChillTech® Compact Provides temperature control from 72 to 120 hours

Part #	CHCM4Z	CHCM8Z	CHCM16Z	CHCM32Z
Outer Dimensions	13.78 x 13.43 x 9.76	13.78 x 13.43 x 13.70	21.42 x 13.66 x 13.70	21.42 x 13.66 x 21.57
inches [mm]	[350 x 341 x 248]	[350 x 341 x 348]	[544 x 347 x 348]	[544 x 347 x 548]
Tare Weight	19.6 [8.9]	26.2 [11.9]	40.3 [18.3]	60.2 [27.3]
lb [kg]				
Volumetric Weight	10.9 [4.9]	15.3 [6.9]	24.1 [10.9]	38.0 [17.2]
lb [kg]				

ChillTech® Global Provides temperature control from 96 to 144 hours

Part #	CHG4Z	CHG8Z	CHG16Z	CHG32Z
Outer Dimensions	15.67 x 15.59 x 11.73	15.67 x 15.59 x 15.67	23.58 x 15.59 x 15.67	23.58 x 15.59 x 23.54
inches [mm]	[398 x 396 x 298]	[398 x 396 x 398]	[599 x 396 x 398]	[599 x 396 x 598]
Tare Weight	19.5 [8.9]	26.4 [12.0]	40.7 [18.5]	60.7 [27.6]
lb [kg]				
Volumetric Weight	17.3 [7.8]	23.0 [10.5]	34.7 [15.7]	52.1 [23.6]
lb [kg]				



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ABOUT US

Sonoco ThermoSafe® is the leading global provider of temperature assurance packaging for the safe and efficient transport of pharmaceuticals, biologics, vaccines and other temperature sensitive products. Our shipping solutions mitigate risk for our customers and ensure product efficacy throughout the extremes of a supply chain. Sonoco ThermoSafe has operations in North America, South America, Europe and Asia to assure close proximity to our customers. Our vast product offering features industry leading technology that encompasses refrigerated, frozen or controlled room temperature applications. In addition, Sonoco ThermoSafe's ISC Labs® delivers individualized design and testing services and innovative packaging solutions along with qualification and validation services to meet all regulatory requirements.