

PX1L

Passive temperature management carrying case with VIP insulation



Technical specifications

The CSafe AcuTemp® PX1L is purposely designed for healthcare providers and global immunization organizations requiring hand-held portable solutions to transport vaccines, pharmaceuticals, healthcare specimens and other biomedical products. The PX1L delivers reliable, long-lasting temperature control for up to 22 hours in a variety of temperature profiles (+2°C to +8°C, -10°C and -20°C) by utilizing phase change coolant packs and ThermoCor® Vacuum Insulated Panel (VIP) technology. With the AcuTemp PX1L insulated carrying case, crucial temperature-sensitive healthcare products can be transported with confidence providing users with ultimate peace of mind protection.

Portable thermal protection for life-science payloads

- Ensures temperature integrity of vital healthcare products during final stages of transit
- Uncompromising temperature protection with use of high-performance ThermoCor VIP insulation
- Reliable temperature control across three distinct temperature range
- Efficient and unique refrigerant design allowing for extended internal payload temperature hold times

Uncompromising Peace of Mind® protection, safeguarding crucial payloads

Product features:

- Lightweight, portable case
- Superior ThermoCor VIP insulation, providing up to 10 times greater thermal efficacy per inch than standard foam insulation
- Available in three distinct temperature range:
 - ▶ +2°C to +8°C
 - ▶ Frozen (-10°C)
 - ▶ Frozen (-20°C)
- Long-lasting temperature control, up to 22 hours, with phase change coolant packs
- Unique design eliminating need for ice or active power to manage payload temperature
- Simplistic conditioning and pack-out of coolant packs
- Optimized design with 3.7 liters of payload space
- Durable handle for comfortable carrying



For more information on the AcuTemp PX1L carrying case, please contact us or visit CSafeGlobal.com

AcuTemp PX1L carrying case

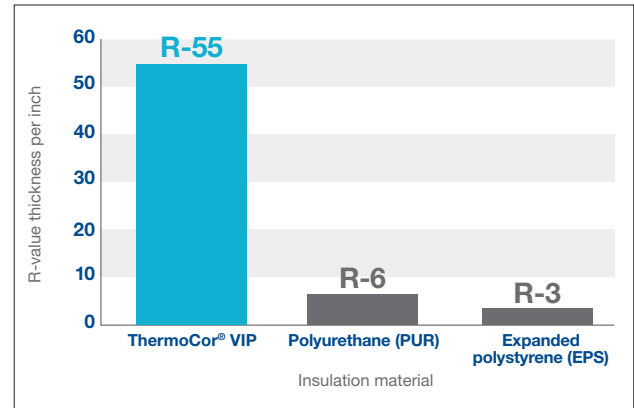
Technical specifications (continued)

Unmatched thermal protection with ThermoCor VIP:

- VIP enables the PX1L case to effectively and efficiently maintain payload temperature
- Superior VIP insulation provides up to 10 times greater thermal efficiency per-inch than standard foam insulation
- Best-in-class performance of VIP insulation contributes to the protection of vital payloads



ThermoCor® VIP achieves far superior thermal efficiency compared to commonly used insulation



Simplistic pack-out with phase change coolant packs:

- Comprised of phase change material (PCM) designed to maintain specified temperatures for long periods of time
- Three temperature ranges (+2°C to +8°C, -10°C and -20°C)
- Easily conditioned in a conventional refrigerator or freezer for convenience and reusability

Operational specifications:

Model (NSN)	Payload Volume	Payload Dimensions	Empty Weight	Packout
PX1L Case (615-01-475-8145)	3.7L	9.3 x 3.3 x 2 in ³ 23.6 x 8.4 x 5 cm ³	5.5 lbs 2.5 kg	Universal

Model (NSN)	Product Storage Temperature	Coolant Pack Dimensions	Conditioning Method	Total Weight
VXS-1 Coolant Packs (4110-01-500-7564)	+2°C to +8°C (+36°F to 46°F)	9 x 3 x 1 in ³ 22.9 x 9.8 x 2.5 cm ³	Place in +3.5°C refrigerator for 24 hours	4.6 lbs 2.1 kg
VXS-2 Coolant Packs (4110-01-518-7657)	at or below -10°C (at or below +14°F)	9 x 3 x 1 in ³ 22.9 x 9.8 x 2.5 cm ³	Place in conventional freezer for 48 hours	6.0 lbs 2.7 kg
VXS-4 Coolant Packs (4110-01-518-8244)	at or below -20°C (at or below -4°F)	9 x 3 x 1 in ³ 22.9 x 9.8 x 2.5 cm ³	Place in conventional or lab/medical freezer at or below -28°C (-18.4°F) for 48 hours	4.6 lb 2.1 kg



Keeping temperatures precisely where they need to be

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