



Product picture shows an exemplary solution for the temperature range +2 °C to +8 °C

## DESCRIPTION

Ensure patient-safe medicines and accurate clinical trial results with ProofPak. Our innovative, reusable thermal packaging ensures precise temperature control from -70°C to +37°C, unaffected by seasons or climate. Qualified according to ISTA 7D standards, ProofPak ensures consistent reliability, safeguarding your temperature-sensitive pharmaceuticals from production through to delivery. Experience seamless logistics with 'ready to load & go', giving you time to focus on advancing your clinical research while we protect your products with unmatched precision and reliability.

Note: This product shall be stored and transported in upright position!

DIMENSIONS AND WEIGHT

| External Dimensions (l x w x h) |                    | Internal Dimensions <sup>1</sup> (l x w x h) |                    | Tolerances |        |
|---------------------------------|--------------------|----------------------------------------------|--------------------|------------|--------|
| [mm]                            | [inch]             | [mm]                                         | [inch]             | [mm]       | [inch] |
| 570 x 455 x 455                 | 22.4 x 17.9 x 17.9 | 420 x 320 x 320                              | 16.5 x 12.6 x 12.6 | ± 5        | ± 0.2  |

| Tare Weight <sup>1</sup> |            | Payload <sup>1</sup> (Volume) |
|--------------------------|------------|-------------------------------|
| [kg]                     | [lbs]      | [L]                           |
| 22.6 ± 1                 | 49.8 ± 2.2 | 43                            |

<sup>1</sup>Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

| ProofBlok  | Pieces | Dimensions <sup>2</sup> (l x w x h) |                 | Weight |       | Material number |
|------------|--------|-------------------------------------|-----------------|--------|-------|-----------------|
|            |        | [mm]                                | [inch]          | [kg]   | [lbs] |                 |
| 36362 +22G | 2      | 355 x 355 x 20                      | 14 x 14 x 0.8   | 1.8    | 4     | AK000124        |
| 46362 +22G | 4      | 455 x 355 x 20                      | 17.9 x 14 x 0.8 | 2.5    | 5.5   | AK000158        |

<sup>2</sup>dimensions of empty Temperature Battery shell, variation due to PCM inside and aggregation state possible

PERFORMANCE The ProofPak 43 Standard +22G is qualified in the temperature range from +15 °C to +25 °C

| Temperature scenario | Duration [hrs] | Kelvin-hours <sup>3</sup> | Average ambient temperature [°C] |
|----------------------|----------------|---------------------------|----------------------------------|
| ISTA 7D summer       | ≥ 116          | ≥ 1148                    | +29.9                            |
| ISTA 7D winter       | ≥ 96           | ≤ -1473                   | +4.5                             |

<sup>3</sup>Detailed information about the concept of Kelvin-hours on [www.kelvinhours.com](http://www.kelvinhours.com)

For more details, please view the qualification report. Before performing a shipment with the ProofPak 43 Standard +22G it is suggested that the user performs a validation process with the equipment available and under the conditions available. A test in worst case conditions is recommended. The box provides a very stable and well-designed system solution which has to be adapted on the particular requirements of the user.

For more information please contact [support@envirotainer.com](mailto:support@envirotainer.com).