



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 | 355 x 255 x 290                              | 14 x 10 x 11.4 | ± 5        | ± 0.2  |

  

| Tare Weight <sup>1</sup> |            | Payload <sup>1</sup> (Volume) |
|--------------------------|------------|-------------------------------|
| [kg]                     | [lbs]      | [L]                           |
| 31.5 ± 1                 | 69.4 ± 2.2 | 26                            |

<sup>1</sup>including Dry Ice

## DRY ICE CONFIGURATION

| Dry Ice compartment | Dry Ice pellet diameter |        | Weight |       |
|---------------------|-------------------------|--------|--------|-------|
|                     | [mm]                    | [inch] | [kg]   | [lbs] |
| Upper compartment   | 3                       | 0.1    | 6.3    | 13.9  |
| Side compartments   | 3                       | 0.1    | 14.2   | 31.3  |

## PERFORMANCE The ProofPak 43 Dry Ice is qualified in the temperature range below -60 °C

| Temperature scenario | Duration [hrs] | Kelvin-hours <sup>2</sup> | Average ambient temperature [°C] |
|----------------------|----------------|---------------------------|----------------------------------|
| ISTA 7D summer       | ≥ 144          | ≥ 15149                   | +30.2                            |

<sup>2</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 Dry Ice 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).