



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	400 x 300 x 300	15.7 x 11.8 x 11.8	± 5	± 0.2

Tare Weight <sup>1</sup>		Payload <sup>1</sup> (Volume)
[kg]	[lbs]	[L]
35.1 ± 1	77.4 ± 2.2	36

<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]	
36363 -21G	2	355 x 355 x 30	14 x 14 x 1.2	3.5	7.7	AK000102
46363 -21G	4	455 x 355 x 30	17.9 x 14 x 1.2	4.7	10.4	AK000015

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

**PERFORMANCE** The ProofPak 43 Premium -21G is qualified in the temperature range from -25 °C to -15 °C

Temperature scenario	Duration [hrs]	Kelvin-hours <sup>3</sup>	Average ambient temperature [°C]
ISTA 7D summer	≥ 129	≥ 6411	+29.7

<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 Premium -21G 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).