

The BIOTHERM range of insulated dry ice packaging solutions ensure that consignments are fully compliant to IATA, ADR & DOT (49 CFR) transport regulations. The systems are qualified to maintain sample integrity from 36 to 96 hours against the demanding Intelsius High Performance Dry Ice Temperature Profile.



The range is designed to optimise shipping volumes and minimise freight costs. Each system has unique sturdy handles to enable careful handling throughout the cold chain, and a tongue and groove lid and base to enable quick and simple assembly. Pack-out instruction sheets are supplied to ensure correct assembly thus ensuring performance.

Components Supplied:

- Pack-out Instruction Sheet - PI 620
- Outer Carton Printed in Compliance with Transport Regulations
- Moulded Carrier Handle
- Label Pack including: Infectious Class Label, Dry Ice, Overpack, Security Seal Label

| PRODUCT | CODE | INTERNAL DIMENSIONS | INTERNAL VOLUME | EXTERNAL DIMENSIONS | VOLUMETRIC WEIGHT | MASS | DRY ICE MASS | DURATION (HOURS) |
|-------------------|-------|---|-----------------|---|---|-------------------|---------------------|------------------|
| BIOTHERM 3 DI 36 | BT040 | 130 x 130 x 185 mm 5.1 x 5.1 x 7.2 in | 3 L | 218 x 221 x 293 mm 8.6 x 8.7 x 11.6 in | 2.4 kgvol ^c 5.2 lbsvol ^c | 0.5 kg 1 lbs | 2.3 kg 5 lbs | 36 |
| BIOTHERM 5 DI 48 | BT002 | 170 x 170 x 170 mm 6.6 x 6.6 x 6.6 in | 4.9 L | 268 x 273 x 283 mm 10.6 x 10.8 x 11.2 in | 3.5 kgvol ^c 7.7 lbsvol ^c | 0.8 kg 1.6 lbs | 3.7 kg 8.2 lbs | 48 |
| BIOTHERM 7 DI 72 | BT074 | 190 x 190 x 185 mm 7.4 x 7.4 x 7.2 in | 6.6 L | 308 x 308 x 310 mm 12.2 x 12.2 x 12.2 in | 4.9 kgvol ^c 10.9 lbsvol ^c | 1 kg 2.2 lbs | 3.9 kg 8.6 lbs | 72 |
| BIOTHERM 10 DI 72 | BT001 | 258 x 208 x 198 mm 10.1 x 8.1 x 7.8 in | 10.6 L | 357 x 309 x 315 mm 14.1 x 12.2 x 12.5 in | 5.8 kgvol ^c 12.8 lbsvol ^c | 1.1 kg 2.4 lbs | 6.9 kg 15.3 lbs | 72 |
| BIOTHERM 14 DI 96 | BT077 | 228 x 228 x 228 mm 8.9 x 8.9 x 8.9 in | 11.8 L | 380 x 385 x 395 mm 15 x 15.2 x 15.6 in | 9.6 kgvol ^c 21.2 lbsvol ^c | 1.7 kg 3.7 lbs | 7.6 kg 16.8 lbs | 96 |
| BIOTHERM 15 DI 96 | BT041 | 258 x 258 x 258 mm 10.1 x 10.1 x 10.1 in | 17.1 L | 396 x 403 x 416 mm 15.6 x 15.9 x 16.4 in | 11.1 kgvol ^c 24.4 lbsvol ^c | 1.9 kg 4.1 lbs | 11.5 kg 25.4 lbs | 96+ |
| BIOTHERM 30 DI 96 | BT049 | 320 x 320 x 320 mm 12.6 x 12.6 x 12.6 in | 32.7 L | 465 x 458 x 478 mm 18.4 x 18.1 x 18.9 in | 17 kgvol ^c 37.4 lbsvol ^c | 2.5 kg 5.4 lbs | 13.6 kg 30 lbs | 96+ |
| BIOTHERM 45 DI 96 | BT020 | 444 x 388 x 302 mm 17.4 x 15.2 x 11.8 in | 52.1 L | 570 x 520 x 440 mm 22.5 x 20.5 x 17.4 in | 21.8 kgvol ^c 47.9 lbsvol ^c | 2.7 kg 6 lbs | 35.9 kg 79.2 lbs | 96+ |
| BIOTHERM 80 DI 96 | BT050 | 444 x 388 x 485 mm 17.4 x 15.2 x 19 in | 84.7 L | 570 x 520 x 635 mm 22.5 x 20.5 x 25 in | 31.4 kgvol ^c 69.2 lbsvol ^c | 3.2 kg 6.9 lbs | 33 kg 72.8 lbs | 96+ |

Custom Branding Available

Product Name Key: [Range] [EPS Size] [Temperature] [Duration]