SPECIFICATION SHEET

1. Product Identification

Field	Details
Product Name	**Titan AV 8003 Waterproof Hard Case**
SKU	**FXC-8003**
GTIN	9359899004288
Warranty	2 Years
Country of Origin	Manufactured in China, QC tested in Australia

2. Dimensions & Weight

Specification	Measurement
External Dimensions (L × W × H)	465 × 400 × 160 mm
Internal Dimensions (L × W × H)	430 × 340 × 145 mm

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Lid / Base Depth	45 mm / 100 mm
Internal Volume	21.2 L
Weight (Empty)	2.62 kg
Padlock Hole Diameter	7 mm

3. Construction & Materials

Component	**Specification**
Shell Material	High-impact Polypropylene (FX-2PP)
Foam Insert	1 × 80 mm diced foam + 1 × 15 mm solid base
Seal	EPDM O-ring watertight closure
Latches	Dual TUFF compression latches
Pressure Valve	Automatic pressure equalisation valve
Handle	Rubberised ergonomic carry handle
Hinges	Heavy-duty pinned hinges
Stackable	Yes

4. Environmental Performance

Parameter	**Details**
Ingress Protection	IP67 – dust-tight and waterproof up to 1 m for 30 min
Temperature Range	−30 °C to +80 °C
Vibration Resistance	Meets MIL-STD-810H Method 514.8
Drop Resistance	Meets MIL-STD-810H Method 516.8
Chemical Resistance	Resistant to oils, solvents, and mild acids (typical of polypropylene materials)

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5. Functional Features

- Waterproof, dustproof & impact-resistant
- Auto pressure relief valve for air travel
- Lockable with 7 mm padlocks
- Customisable diced foam interior
- Stackable interlocking design
- Ideal for AV gear, tools, comms and military equipment, computers, and drones

6. Compliance & Labelling

Category	Statement
IP Rating	Certified to IEC 60529 (IP67) standard – verified by independent testing
MIL-STD Testing	Tested to MIL-STD-810H (Methods 503.7, 514.8, 516.8)
Australian Quality Assurance	Each batch QC tested and inspected in Titan AV's Brisbane facility
Environmental Responsibility	Manufactured using materials consistent with international environmental standards – supplier declarations held on file where available

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