

IS 12989:2016 Camping tents

This Standard specifies requirements for safety, performance and fitness for use of camping tents.

Tents meets performance and safety standards for durability, water resistance, and environmental impact. Materials should avoid harmful substances and support recycling efforts. Tents are categorized by weight and performance levels, from casual fair-weather to extreme weather use. Fabric meets tear, tensile, water resistance, and flammability standards. Specific tests, such as the hydrostatic pressure and flame spread tests, ensure resilience. Tents have proper ventilation to prevent gas build-up and a minimum of two openings for air circulation, especially for sealed tents. The frame withstands corrosion, be easy to assemble, and have no sharp edges. Zip fasteners and guying systems meets strength standards. A rain test ensures no leaks, and components like poles and fasteners are tested for durability.

Instructions on the tents include pitching, safety, maintenance, and ventilation, and a permanent label for fire safety and ventilation be attached. This standard helps ensure camping tents are safe, durable, and environmentally conscious for various conditions.