

Specifications of Fireball

Automatic Fire Ball for Fire-Extinguishing	Fire extinguishing balls are portable extinguishers for a preliminary fire and typically designed in the round shapes with the soft shell to contain the extinguishing agent (Dry Chemical Powder for Fighting A,B,C, Class Fires duly ISI Marked and UL Listed), and the fire ignition material (fuse).
Automatic Activation Mechanism	The activation of the unit is achieved thermally by the use of the Pyrotechnic activator.
Size of fire extinguishing balls	Spherical in shape made of EPS (Thermocole Material) of minimum 10 mm thickness completely combustible and CFC free with a weight between 1.5 to 1.8 kg.
Fire extinguishing agent (Dry Chemical Powder) weight	1 Kilogram
Mounting for Automatic Fire Ball	Stand made from 6 mm GI Wire Rod of suitable diameter which looks like basketball ring
Thermal resistance test after conditioning at 85°C for 24 h ± 15 min	Fire extinguishing balls must not have any cracks, tears or leakage of the extinguishing agent on their shell, which is tested by the inspection.
Test for Burst effect	The ball container with dimension of 56x56x56 cm constructed from the strong frame and 5 mm thick normal glasses for 4 sides by opening the top and the bottom. On igniting the ball by pouring flammable liquid on the ball. The glasses used in the test must not be cracked or broken.
Sound Level Test	When fire extinguishing balls are tested for the sound pressure level emitted from the burst, it must not be more than 140 dBA.
Resistance to Compression	Fire extinguishing ball must not have any cracks, tears or leakage of the extinguishing agent on their shell.
Drop Test	When fire extinguishing balls are tested by dropping them to the ground height of 2.5 m from a cement floor, must not have any cracks, tears or leakage of the extinguishing agent on their shell.
Activation Temperature Range (Thermally activated Fire Extinguisher)	85 degree Celsius
Operation discharge time at a define activation temperature	3 second
Effective coverage Volume for one Fire Ball (in m ³)	10.3 cubic meter
Product Lifespan Period	60 months
Pyrotechnic Activator Certification Approval	PESO Certified
Fire Ball suitability for marine applications with wheel mark	No
Source of type approval of complete product to prove the conformity of the product for declared parameters	Govt. of India Laboratory