

## Co2 4.5KG FIRE EXTINGUISHER PRODUCT DATA SHEET

### 1. PRODUCT OVERVIEW

1	Brand Name	AUREX
2	Model Number	AIC-4001
3	Extinguisher Type	Co2 Stored pressure (portable)
4	Capacity	4.5 KG
5	Fire Classification	Class B / C
6	Fire Rating	55B
7	Coverage Area	3 Meters for 12 sec. Minimum
8	Compliance Standard	IS 15683:2018

### 2. STANDARD MATERIAL OF CONSTRUCTION

1	Cylinder thickness	4 MM low carbon M.S. sheet
2	Discharge valve	Wheel type , ISI Marked
3	Syphon tube	Aluminium
4	Discharge horn	None-conductor polyethylene fibre glass
5	hose	Braided rubber 1 meter , working pressure
6	External coating	Ultracoat EP poly
9	Wall mounting bracket	MS Powder coated

### 3. PERFORMANCE & ROUTINE TEST

1	Minimum Discharge Duration	95% minimum within 12 sec.
2	Effective Discharge Reach	3 Meter
3	Hydraulic Pressure Test	105 BAR
4	Bursting Pressure Test	225 BAR
5	Working Pressure	60 BAR
6	Operating Temperature Range	-30°C to +60°C
7	Type Test Standard	IS 16018 : 2012

#### 4. TESTING & QUALITY ASSURANCE

1	Hydrostatic pressure evaluation	Passed
2	Leakage integrity assessment	Passed
3	Bursting Pressure endurance Test	Passed
4	Corrosion resistance & durability check	Passed

#### 5. CERTIFICATIONS & COMPLIANCE

1	BIS Regulatory endorsement	Passed
2	IS 15683 : 2018 Certificate	Passed
3	ISO 9001 : 2015 Accreditation	Passed

#### 6. PHYSICAL DIMENSIONS & WEIGHT

1	Height	700 +- 10 mm
2	Cylinder diameter	140 +- 5 mm
3	Empty weight	Approx 10.5 kg
4	Filled weight	Approx 15 kg

#### 7. Maintenance & Serviceability

1	Inspection & testing frequency	As per IS standard 2190
2	Scheduled maintenance	Annual services recommended
3	Refilling Interval	Every 5 years
4	Operational lifespan	15 Years (under optimal storage condition)