

## Co2 9KG WHEELED TYPE FIRE EXTINGUISHER PRODUCT DATA SHEET

### 1. PRODUCT OVERVIEW

1	Brand Name	AUREX
2	Model Number	AIC-9001
3	Extinguisher Type	Co2 Wheeled type
4	Capacity	9 KG
5	Fire Classification	Class B / C
6	Fire Rating	55B
7	Coverage Area	4 Meters for 18 sec. Minimum
8	Compliance Standard	IS 16018:2012

### 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-conductive HDPE
5	Hose	Rubber reinforced hose pipe
6	External coating	Ultracoat EP poly

### 3. PERFORMANCE & ROUTINE TEST

1	Minimum Discharge Duration	95% minimum within 18 sec.
2	Effective Discharge Reach	4 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	Approved
2	IS 16018 : 2012 Certificate	Certified
3	ISO 9001 : 2015 Accreditation	Available

#### 6. PHYSICAL DIMENSIONS & WEIGHT

1	Height	1250 +- 10 mm
2	Cylinder diameter	140 +- 5 mm
3	Empty weight	Approx 23.5 kg
4	Filled weight	Approx 32.5 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)