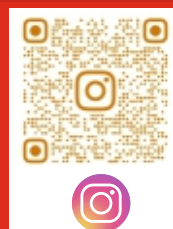




SPECIALITY
GEOCHEM

SPECIALITY GEOCHEM

- FIRE EXTINGUISHER BALL • FIRE EXTINGUISHER CYLINDER
- AUTOMATIC FIRE SUPPRESSION TUBE • FIRE BLANKET





ABOUT US



Mr. RAKESH MISHRA
FOUNDER



Ms. LAKSHITA SUTHAR
CEO

Welcome to **SPECIALITY GEOCHEM**, we are the leading industrial house in Rajasthan. Emanating in 1996 as a small mineral industry we continuously growing and diversifying its activities in field of Industrial Chemicals, Industrial Minerals, Plastic Additives and fire protection solution.

We are specialized & technically competent to undertake fire safety management & maintenance to ensure the uncompromised quality, Higher volumes, Profitable growth & well timed expansion.

These are just few of the words that describe the journey of **SPECIALITY GEOCHEM**, since the every day of its inception.

OUR VISION

To become amongst the top 5 leading manufacturer in fire protection and safety systems in india by the end of 2030, with establish operations, delivering quality products and services that are suitable for the region, effective and environmentally sustainable

OUR MISSION

Build A Safe And Secure Environment For Our Community.

When it comes to dangerous or hazardous conditions, no matter what industry you are in or where you are in the world, **SPECIALITY GEOCHEM** is the company of people you can count on to keep your employees, neighbours and the environment safe.

OUR VALUES

✓ **INTEGRITY** ✓ **PROFESSIONALISM** ✓ **VALUE FOR MONEY**

These core values reflect what is truly important to us as an organisation. they do not change from time to time, situation to situation, or person to person, but rather they underpin our group culture. what we do can affect people's lives. it is important therefore that our customers can rely on us. that we will do things right - we mean what we say and we do what we say.

QUALITY POLICY

SPECIALITY GEOCHEM take care of all the quality standards applicable strictly and providethe best quality to our clients. it's committed to continually improve the effectiveness of the quality management system adopted and implemented throughout the organization by ensuring its customer satisfaction.



INFRASTRUCTURE



OUR METHOD

***Manufacturing Ourselves -
Right From The Start,
With The Highest Standards.***

This Lets Us Keep Full Control Over Quality And Delivery Deadlines But It Also Lets Us Respond Quickly And Flexibly To Customer And Market Changes. Based On State-Of-The-Art Production Technology And A Highly Qualified Team, We Can Ensure The Consistently High Level Quality Of Our Products.

Being The Market Leader Means Meeting High Customer Requirements And Expectations.



UNIT -1st

SPECIALITY GEOCHEM

G1-39, RIICCO Ind. Area,
Parbatsar, Distt: Kuchaman-Didwana
(Rajasthan) INDIA



UNIT -2nd

SPECIALITY GEOCHEM

H1-75, RIICO Ind. Area,
Sanwar,
Distt. : Udaipur
(Rajasthan) INDIA



**SPECIALITY
GEOCHEM**



OUR CERTIFICATION



SPECIALITY GEOCHEM have accredited as an ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO/IEC 17025:2017, CE, ZED certified company. The management team is committed to systems and methodologies that recognize the importance of quality, health, safety and protection of the environment

FIRE EXTINGUISHER BALL

- **FIRE EXTINGUISHER BALL** React to flame Very quickly, causing the triggers embedded in the unit to respond and disperse the dry chemical fire suppressant locked inside
- On activation it will spread a dry powder fire extinguishing agent.
- Mono ammonium phosphate is commonly used as a non toxic agent that extinguishes flame of class A, B and C Fires



Technical Information

WEIGHT TO FIRE BALL EXTINGUISHER : 1.3 ± 0.2 kg

WARNING AUDIO SIGNAL : 120 dB (Impulse Noise)

ACTIVATION TIME : 3-8 sec with flame

DIAMETER : 150 mm $\pm$ 2mm

STORAGE TEMPERATURE : Not lower than - 40° C and not exceed than + 85° C.

EFFECTIVE EXTINGUISH AREA : 360° cover 1.80 cubic meter.

BENEFITS

- Ease of use, no training required, no pins and no moving or mechanical parts.
- Compact and light weight – it's only 1.3 Kg per ball. Housewife, old age people and even children are capable of handling.
- Self – activating even without human presence in the case of fire.
- Have impulse sound, level approx 120 dB that could be as fire – alarm, and be warning for fire and fire extinguishing ball working.
- Greater safety for users – no need to face dangerous flames and gases at close distances.
- No false alarms or tampering – cannot be activated without fire.
- Flexible, aesthetic design and simple installation – tabletop or wall mount.
- No inspection and maintenance requirement for life span of the product – shelf life of 5 years.
- Lower total cost of protection over the life span of the product.

OUR BRANDS



AUTO FIRE STOP



AUTO FIRE FIGHTER



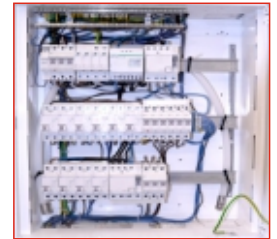
FIRST ALERT

AUTOMATIC FIRE SUPPRESSION TUBE

What is Geochem Fire Suppression Tube?

The primary Goal of a Fire suppression tube is to prevent a fire from spreading. This is intended to prevent or extinguish fire automatically within seconds. The consists of a heat sensitive tube made of special plastics closed by fitting on each end. It has both storage and detection function which means that the extinguishing agent is stored directly in the Tube and no additional storage device such as cylinder Is needed.

FM-200 or HFC - 227 ea is Chemically Know as Heptafluoropropane or Clean Agent Fire Suppression System, Which is a fire suppression agent.



How does GEOCHEM Fire Suppression Tube Work?

Fire begin for various reasons in different environment such as the oil-based coolant used in CNC machine, may spark due to friction and ignite. In the electrical panels or server racks, electrical arching can flash and ignite fires. These causes damage to the equipment by melting wire & igniting other flammable material in the environment.

When the temperature in the protected enclosure rises to a critical threshold, the detection tube melts down at the point where the affecting temperature is the highest. Melting the tube creates a hole releasing the entire extinguishing agent stored in the tube onto the source of the fire.



FEATURES

- Universal use: high flexibility of **GEOCHEM**–Fire Suppression Tube System and A, B, C and electrical Fires Class rating can protect almost any space.
- High cost effectivity: zero maintenance, long working life, automatic activation beats the competition in cost effectivity.
- Automatic operation based on increased temperature: ideal for non-occupied spaces & spaces out of sight fully independent: system is operational 24/7 without any power supply.
- No cylinder for storage of extinguishing agent needed: the whole system can be placed inside the protected enclosure.
- Operation temperatures: up to -40°C to 120°C .
- No maintenance during entire working life = zero maintenance costs.
- Long working life: upto 5 years depending on the type of application.
- Clean and effective extinguishing agent: world - wide known and accepted HFC-227 ea gas.
- No pressurization needed: the system works by increasing pressure of the extinguishing agent when heated.
- No harm to protected enclosure and people when discharged. Very simple installation: no training required for installation. Activation temperature: about 95°C & 120°C .
- Due to physical and chemical properties of the agent, pressure in the tube can very depending on the ambient temperature. The higher the ambient temperature, the higher pressure in the tube and vice versa at very low temperatures the pressure of agent vapors is zero. Indicator on the pressure gauge can vary from 0 bar (when temperatures are very low) to 15 bar (when temperatures are very high).

APPLICATION AREAS

- Engine compartments of Vehicles, machines, pleasure boats, earthmoving equipments.
- Electrical Panels, IT server racks and battery cabinets.
- Vending machines, POS machines, ATMs.

FIRE EXTINGUISHER CYLINDER

ABC MULTIPURPOSE POWER PORTABLE FIRE EXTINGUISHERS

Suitable for class A B C Type fire involving
Combustible material like wood paper, cloth
Flammable gas liquid petrol, paints solvents &
Electricity started fires & all classes of fire

Description	BIS spec.	Discharge Time (sec.)	Jet Length (Meters)	Test Pressure Kg/Cm ²
ABC- 1 kg.	15683	6-8	2-3	35
ABC- 2 kg.	15683	6-8	2-3	35
ABC- 4 kg.	15683	6-8	6-7	35
ABC- 6 kg.	15683	10-12	6-7	35
ABC- 9 kg.	15683	12-18	6-7	35

CARBON DI-OXIDE GAS BASE PORTABLE FIRE EXTINGUISHERS

Suitable for class b & c fire involving material
Like oil, gases, electric & delicate machineries.

Description	BIS spec.	Discharge Time (sec.)	Jet Length (Meters)	Test Pressure Kg/Cm ²
Co ₂ - 2 kg.	15683	6-8	1	250
Co ₂ - 4.5 kg.	15683	10-18	1	250



IS 15683



CM/L:2533146



IS 15683



CM/L:2533146

M/FOAM (AFFF) TYPE FIRE EXTINGUISHER (STORED PRESSURE)

Suitable for class a & b fire involving flammable liquid petroleum products or where the blanketing effect is essential.

Description	BIS spec.	Discharge Time (sec.)	Jet Length (Meters)	Test Pressure Kg/Cm ²
AFFF-9 Ltrs	15683	50-60	6-8	35

IS 15683



CM/L:2533146



WATER TYPE FIRE EXTINGUISHER (STORED PRESSURE)

Suitable for class a fire involving solid combustible material of organic nature such as wood, paper, textile, jute & many other goods etc.

Description	BIS spec.	Discharge Time (sec.)	Jet Length (Meters)	Test Pressure Kg/Cm ²
W/CO ₂ - 2 kg.	15683	50-60	6-8	35

IS 15683



CM/L:2533146



FIRE BLANKET

One Pull Can Save Life

A Fire Blanket is a fire safety device made from fire-resistant materials designed to extinguish small fires or wrap around a person whose clothes have caught fire. At Speciality Geochem, we manufacture premium-quality Fire Blankets tailored for both domestic and industrial use.

How to Use the Fire Blanket:

- Pull the tabs to release the blanket.
- Gently cover the fire completely (DO NOT throw).
- Turn off the heat source if safe to do so.
- Leave the blanket in place until the fire is extinguished.
- Dispose of the blanket safely after use.



PRODUCT SPECIFICATION

FEATURE	DETAILS
Material	Woven Fiberglass / Wool with Flame Retardant
Temperature Tolerance	Up to 900°C
Sizes Available	1x1m, 1.2x1.2m, 1.8x1.2m
Case Options	PVC Soft Pouch / Hard Box
Shelf Life	5+ Years
Reusability	One-Time Use Only for Safety

OUR CLIENTS



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