



Insulation You Can Trust.
Since 1981

Part of Green Group

INSULATION YOU CAN TRUST.

High-Precision Epoxy Components for
MV Switchgear & Transformers

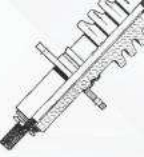
2025-26



www.thepressgel.com



mktg@thepressgel.com



INTRODUCTION

Established in 1981 in Vadodara, Gujarat, Pressgel Insulations Pvt. Ltd. is a trusted manufacturer of epoxy-resin cast components.

Our product portfolio includes: bushings, insulators, capacitor blocks, spacer supports, and custom resin-cast fittings for air, oil, and gas-filled systems.

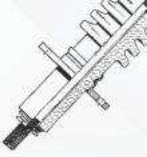
With customer-driven design, rapid prototyping, and scalable production, we serve leading switchgear, transformer, and utility OEMs across India and global markets.

At Pressgel, Innovation Meets Quality—each component is engineered for durability, safety, and reliable electrical performance.

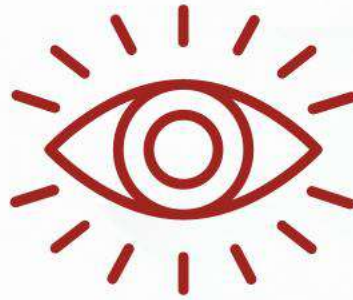
As Pressgel has embarked on a new journey, under the Green Group, our refreshed identity reflects our evolution into a bolder, more unified brand.

 **Pressgel Insulations
Private Limited**





VISION

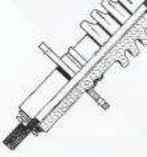


**Empower energy infrastructure through
advanced insulation technology
and sustainable manufacturing practices.**

MISSION



**To manufacture and deliver customized insulation
solutions that meet the evolving needs of our customers.
We are committed to advancing technologies
and rigorous testing, backed by decades of
expertise, sustainable practices, and
a commitment to continuous innovation.**



FOUNDER'S TESTIMONIAL

"Real customer satisfaction comes not from selling a product, but from delivering a solution that fits their problem perfectly — that's where true goodwill lies."



Mr. Rama Chandra Murty Veluri was born in 1949. He did his graduation from Andhra University with a Bachelor of Electrical Engineering in 1972. His work background exposed him to the epoxy manufacturing industry, which initially piqued his interest in high voltage electrical insulation.

A scientist by profession, but an innovator at heart, he conducted extensive research and presented various technical papers, laying the foundation for what was to become **Pressgel Insulations Pvt. Ltd.** Established in **1981**, he started the company with his partner **Mr. Bipin Shah**.

At a time when the pressure gelation process was still relatively unknown in India, it took him years of trial and error to pioneer the technique and design his own machines.

The company started small and gradually expanded to cater to the requirements of big organisations like BHEL, L&T, Jyoti Ltd and others. Since its inception the company has always placed quality production and customer's best interest at heart.

His leadership motto is to "exactly engineer and exceptionally deliver"!





SWITCHGEARS SOLUTIONS

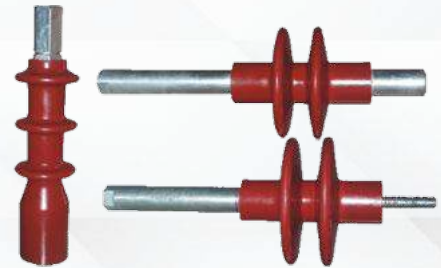


Support Insulators

Application:
LV, MV & HV Switchgear

Drive Rod Insulators

Application:
In MV Switchgear



RYB & Spout Bushings

Application:
In MV Switchgear



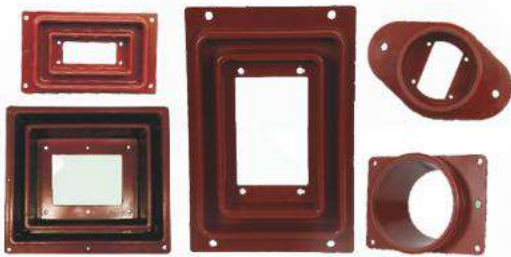
Other Components

Application:
Low / High current termination in
Distribution Transformer

TRANSFORMERS SOLUTIONS

HV Transformer Bushings

Application:
Low / High current termination
in Distribution Transformer



Wall Through Bushings

Application:
Contact Termination through wall in
Switchgear, Transformer & Busduct

Seal Off Bushings

Application:
End sealing in 11, 22 & 33 kV
Busduct



Customized Solutions

Application:
Arms, levers, blocks, spacers,
explosion-proof bushings



**MV-Epoxy
Insulators**

**LV-Epoxy
Insulators**



**LV-Epoxy
Transformer Bushings**



FROM 1.1KV TO 36KV – BUILT FOR EVERY REQUIREMENT

Our extensive epoxy insulation portfolio includes:

- **Switchgear Bushings:** RYB epoxy spouts, stud terminals, contact blades, contact shrouds
- **Switchgear Components:** Spouts, housings, barriers, motor terminal plates, SF6 components
- **Transformer Bushings:** Multi-pin bushings (2-pin to 21-pin), epoxy terminal cups, board-mounted designs
- **Insulators:** Post, bell, drive, and support insulators for varied voltage classes
- **Customised Moulded Parts:** Arms, levers, blocks, spacers, explosion-proof bushings

Every unit is made to handle thermal, mechanical, and electrical stress in the most rugged grid and plant environments.

OEM CUSTOMISATION, UTILITY-GRADE STANDARDS

Designed for real-world application, our epoxy components are:

- **Moulded to order:** Every product is tooling-based for precise fit and voltage
- **Post-cured & tested** for high IR values and surface stability
- **SF6-Ready & Flame-Resistant:** available in special-purpose variants
- **Ideal for GIS, AIS & Transformer Applications:** From 1.1kV to 36kV systems

We don't just make insulators, we build insulation architecture.



INDUSTRIES WE SERVE



Switchgear



Transformers



Aerospace



Railways



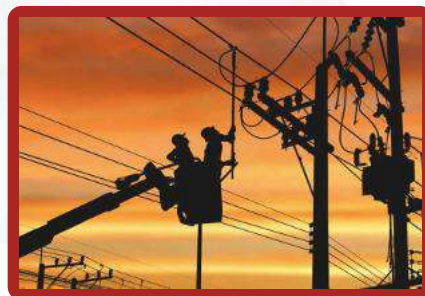
**Industrial
Automation**



Power Transmission



**Renewable
Energy**



**Distribution
Utilities**



A FACILITY THAT'S BUILT TO **SCALE**

Manufacturing at Jarod, Gujarat

Our multi-product 1,50,000 sq. ft. unit is equipped with:

- › APG, vacuum, and pressure gelation machines
- › Environment friendly assembly
- › Tooling and mould development shop
- › Semi-auto and auto APG lines
- › Ovens, curing units

A controlled environment ensures our epoxy systems are always dimensionally accurate and field-ready.



TESTING BACKED BY **SCIENCE**

We maintain complete in-house testing for:

› Dielectric
Breakdown Strength



› Thermal Resistance &
Heat Aging



› Mechanical Impact
& Load Testing



Each batch is QC-cleared by a dedicated team, ensuring reliability on every rating.

GROUP OVERVIEW



Founded in **1973**, the company is now led by **Mr. Bhavin Shah**, who runs the family business with a dedicated team of **85+** team members, driving management, operational and engineering excellence.



Manufacturing

- Cable Trays
- Earthing Materials
- Epoxy Insulators and Bushings



Distributor

Specialising in cables, wires, switchgears, fans, luminaires, and many more products from **16+** multinational and domestic brands.



Global Reach

- Export Reach: **USA, Latin America, Middle East, Africa.**
- Client Base: **8500+**, including active Industrial & EPC clients



Infrastructure

Company Office: **50,000 Sq. ft.**

Warehouse: **125,000 Sq. ft**

Manufacturing infrastructure: **150,000 Sq. ft**

GREEN GROUP PRODUCT RANGE



Bharat Bijlee

MOTORS

3M

LT & HT
JOINTING KITS

legrand

SWITCHGEAR



HAVELLS

LIGHTING SOLUTIONS

dowell's

LUGS / GLANDS

BOSCH
Invented for life

POWER TOOLS

HEENSEL

JUNCTION BOX

Signify
PHILIPS

LIGHTING SOLUTIONS

POLYCAB
IDEAS. CONNECTED.

CABLES / WIRES / PIPES

ALMONARO

FAN

PressGel
Innovation You Can Trust.
Since 1981

Epoxy Insulator

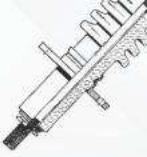
Urja

CABLE TRAY
Cable Tray

Lauritz Knudsen

Switchgear





MANAGEMENT TEAM



Bhavin Shah

Managing Director



Vijay Chauhan

Director, Operations



Prajal Parikh

Director, Exports



YV Joshi

Sr. Technical Consultant



Dharmesh Patel

VP, Technology



Nishant Nigam

VP, Commercial



Ria Bhavin Shah

VP, Business Development



Sia Bhavin Shah

Strategist,
Technology & Innovation



GREEN GROUP



GLOBAL PRESENCE, LOCAL ESSENCE



BRANCHES

- Vadodara • Ahmedabad
- Surat • Vapi • USA • ANKLESHWAR

EXPORT PRESENCE

AFRICA

- Tanzania • Congo • Ghana • Nigeria • Seychelles

MIDDLE EAST

- Oman • Saudi Arabia • UAE

EUROPE

- UK • Netherland

ALLIANCE PARTNERS

- Colombia • Panama • Peru • Chile • Bolivia • Argentina
- Ecuador • Brazil • USA • Spain • Australia • Mexico

*THIS PICTORIAL REPRESENTATION OF THE MAP DOES NOT
PURPORT TO BE THE POLITICAL MAP OF THE WORLD





PressGel Insulations Pvt. Ltd.

Thank You

 **Contact at [+91 70418 98905] [+91 90999 55801]**

 **mktg@thepressgel.com**

 **www.thepressgel.com**

 **D-52, Sardar Estate, Ajwa Road,
Vadodara 390 019 Gujarat, India.**

 **108/W, Suncity Industrial Park, Jarod,
Vadodara 391510 Gujarat, India.**