



**PIPE FLANGE & VALVE
JACKETS / SPRAY GUARDS**



SAVING ENVIRONMENT, ENERGY AND LIFE...

ABOUT

Leading manufacturer of high-performance TECHNICAL TEXTILES and engineering products including filtration, safety and other high temperature industrial applications.

Founded by a group of industrialists, who brought together their prevailing expertise in glass and PTFE, the unit was established in 2015. It soon rose as an elite materials company with all types of fibre glass bases media and later with other kinds of substrates, developed a wide range of coating solutions and lamination using advance technology and formulations.

Supertech Fabrics Pvt. Ltd. with the support of its customers and suppliers, Has grown in a solution oriented manufacturing, bringing advantages of in house manufacturing, and to end media control, and a robust quality control plan. With a sound technical competence and a vision that drives us, we aspire to set new industry benchmark in the years to come.



Group with a Diverse Exposure and Strong Industry Base



Driven by Technocrats



Culture of Excellence



End to End Performance Control of the Product



Highly Effective Quality Assurance Plan



Solution Oriented Approach

THE LEGACY

GGC Chemicals & Pharmaceuticals Pvt. Ltd.

Super Scientific Glass Works Pvt. Ltd.

Principal company that started in Year 1982.

Pioneer in borosilicate glass processed in India.

1982

Chemcon Speciality Chemicals Ltd.

Chemical Company of the group, established in 1996, manufactures Pharma Intermediates & Fine Chemicals.

The company was accredited as a limited company by SEBI in 2021 and share listed on Stock exchange.
www.cscpl.com

1996

DTech Products Pvt. Ltd.

Engineering company of the group, diversified into Fluor polymer lined pipes, fittings, and valves. Formerly known as **SILPL**
www.dtplproducts.com

2009

Shivam Petrochem Industries

Shivam Petrochemicals industry was formed in 2012 and thereafter rapidly grew into the field of pharmaceutical intermediates, giving in green option to pharma industry.
www.sscplin.com

2012

Supertech Fabrics Pvt. Ltd.

A technical textile company, started in 2015 as a media manufacturer specialising in glass, PTFE, and other coating as well as lamination processes. Later went into forward and cross integration towards filtration application products, safety (PPE) products, fabric expansion joints, flange guards/ spray protector, PTFE tapes, PTFE belts and alike engineering products.
www.supertechfabrics.com

2015

Established in year 2021, the group further diversified into Active-pharma ingredients and speciality chemicals.

GGC Chemicals and Pharmaceuticals was founded as a new age company with a top-down approach of forward integration from pharma intermediates to API.
www.ggcpharma.com

2021



ISO 9001:2015





From the MAKERS of High Performance Materials & Solutions

SPRAY GUARDS

Pipe joints are venerable. The mechanical areas like flanges, and valves are bases on pressure and gaskets to control the pressure, heat and corrosion from inside. Since the material has a life, its a question of "when" rather than "if" for its failure.

Spray guards are jacket type covers that protect these areas from outside by providing a second layer. The function of second layer is to prevent spraying of the media when there is a failure, loss of heat from these joints, and corrosion from outside.



PRODUCT RANGE

TYPE

PTFE and PVC Made Ups (Insulated and non insulated)

DIMENSION

Bespoke as per assembly

MEDIA

Acid, Alkali, Steam, Thermal oil, Oil mist, Gas jet, LNG, MEG

INDUSTRIES

Oil and Gas, Marine, Power, Chemical, F&B, Wind Turbines, other processing industries





PROTECTION AGAINST IMPENDING HIDDEN HAZARDS

Pipe conveyors are essential part of any processing plant and are used to transfer media from one part to other. There are variety of media transfers such has chemicals (acid/ alkali), steam, oil, gas etc.

Pipes are venerable at joints and are the weakest points, susceptible to damage. During failure, media escapes pipes and comes like a spray or jet stream due to pressure inside. This creates a zone of chemical spillage what creates damages in the zone and is hazardous for operator to approach. Sometime, due to such damages, more loss is seen, also leading to chemical fire.

SPRAY GUARDS

The jacket act like a spray protectors, blocks the jet stream from spilling the media in the direction of force vector. It limits the spray to a very local zone and allows the maintenance team to gain access to the repair side.

FLAME RETARDANCY

Chemical Spray mixed with electrical wiring creates ignition and bursting flames. This has been the major cause of plant fire and lead to huge losses.

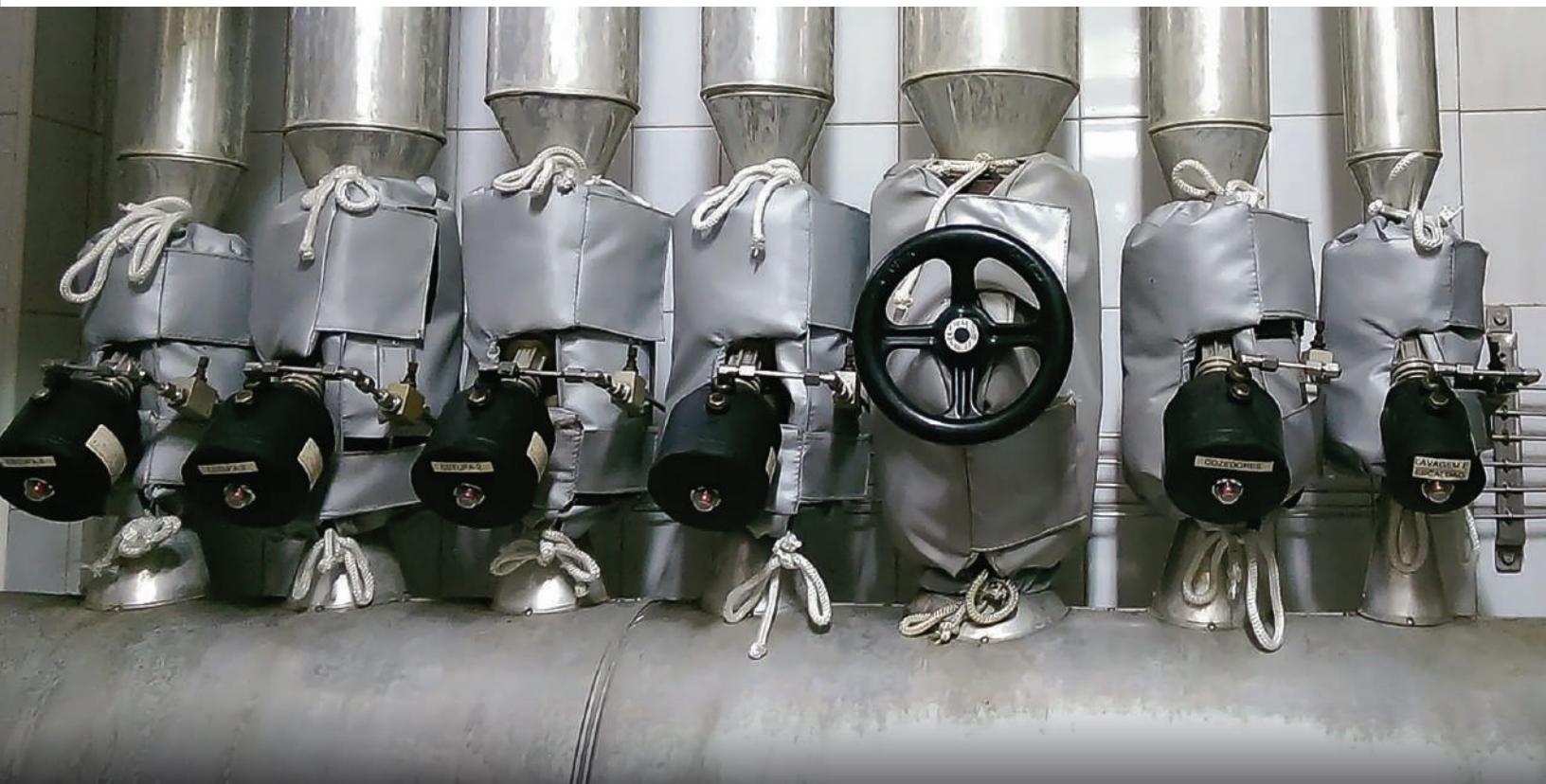
EARLY DETECTION

With option of clear PTFE and litmus integration, early signs can be picked up dripping, leakage and other kinds of discharge.

INSULATION

The cover also provides an insulation option to prevent temperature loss, both hot and cold. This is especially required control valves and manifold areas in industry that hat hot media transfer.

VALVE JACKETS



PTFE Type

SPECIFICATION MATERIAL

PTFE Coated Fibre Glass,
Kevlar Thread

COEFFICIENT OF FRICTION

Low

FIRE RETARDANT

Yes

UV & CHEMICAL RESISTANCE

Very High

MAX TEMPERATURE

240 °C

MAX PRESSURE

1650 PSI or 120 Bar

JOINT/ CONNECTION TYPE

Flange and Coupling Elbow
Tees and Unions

TYPICAL APPLICATION

Oil, Fuel, Acid, Caustic, Steam

HEAT INSULATION (OPTIONAL)

Pocketed Glass Wool

PVC Type

SPECIFICATION MATERIAL

PVC Two Layers Laminated

COEFFICIENT OF FRICTION

Low

FIRE RETARDANT

No

UV & CHEMICAL RESISTANCE

UV and Alkali Resistant

MAX TEMPERATURE

100 °C

MAX PRESSURE

1650 PSI or 120 Bar

JOINT/ CONNECTION TYPE

Flange and Coupling Elbow
Tees and Unions

TYPICAL APPLICATION

Oil, Caustic, Water

FLANGE GUARDS



PTFE Type

SPECIFICATION MATERIAL

PTFE Coated Fibre Glass,
Kevlar Thread

COEFFICIENT OF FRICTION

Low

FIRE RETARDANT

Yes

UV & CHEMICAL RESISTANCE

Very High

MAX TEMPERATURE

240 °C

MAX PRESSURE

1650 PSI or 120 Bar

JOINT/ CONNECTION TYPE

Valve Cover and Jacket

TYPICAL APPLICATION

Oil, Fuel, Acid, Caustic, Steam

HEAT INSULATION (OPTIONAL)

Pocketed Glass Wool

PVC Type

SPECIFICATION MATERIAL

PVC Two Layers Laminated

COEFFICIENT OF FRICTION

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FIRE RETARDANT

No

UV & CHEMICAL RESISTANCE

UV and Alkali Resistant

MAX TEMPERATURE

100 °C

MAX PRESSURE

1650 PSI or 120 Bar

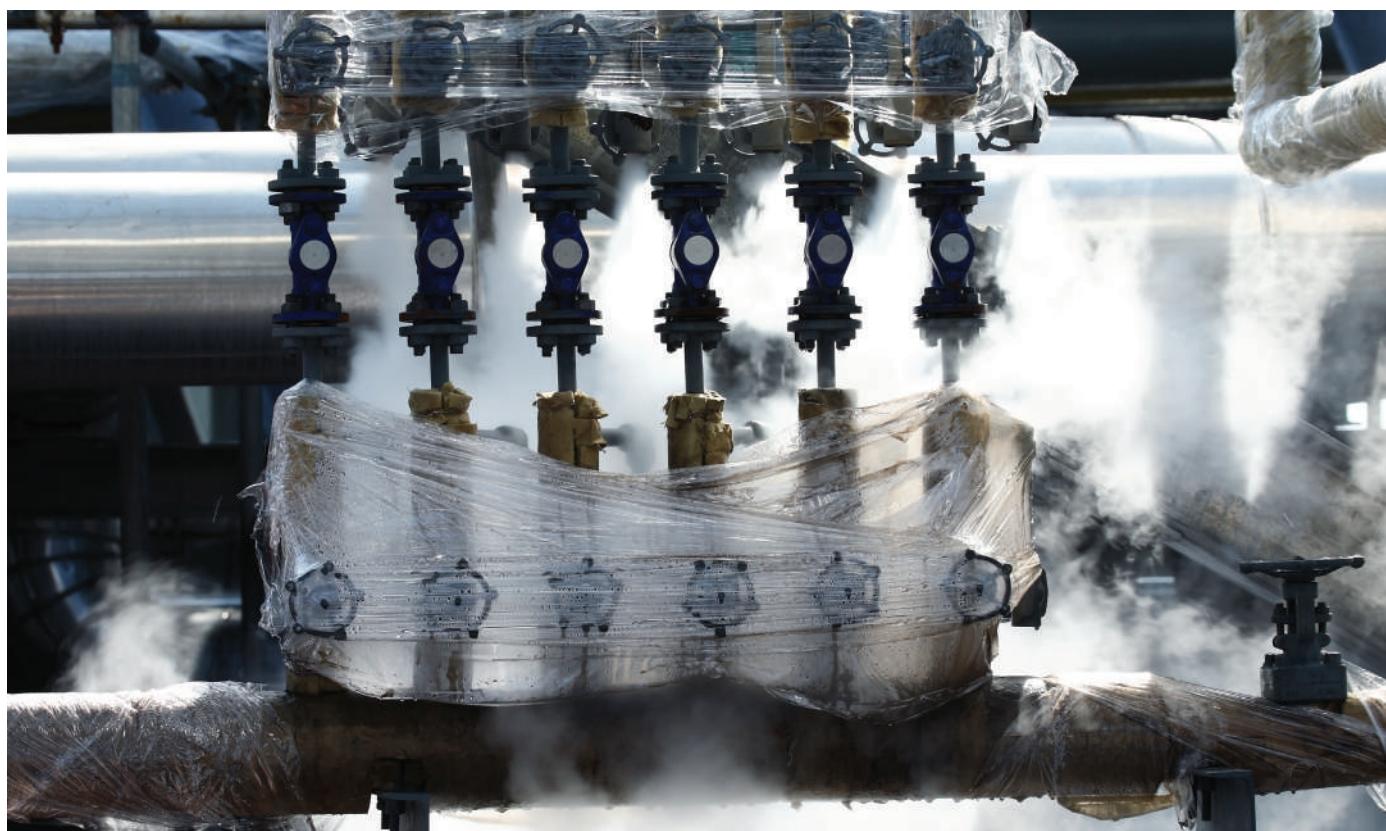
JOINT/ CONNECTION TYPE

Flange and Coupling Elbow
Tees and Unions

TYPICAL APPLICATION

Oil, Caustic, Water

BESPOKE MADE-UPS



MANIFOLD PROTECTION



CENTRIFUGE APPARATUS



CONVEYOR LINES



LIQUID STORAGE TANK JACKETS
FOR TEMPERATURE AND LEAKAGE



PROCESS MANAGEMENT SYSTEMS



TANK JACKETS



CENTRIFUGAL FAN COVER



OUR ENGINEERING EXCELLENCE



Performance Technical Textiles



Industrial Filtration



Flexible Expansion Joints



Flange Guards & Spray Protectors



Protective Gears and Apparels



Reg. Office & Works

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