



ZENITH INDUSTRIAL RUBBER
PRODUCTS PVT. LTD.

Quality Rubber Solutions



COATED
FABRICS

CONTENT

Introduction 01

Coated Fabrics 02

ZRF® Defence Application

KK 200 03

KK 600 04

ZRF® Inflatable Application

Baffle Wall Fabric 05

Buoyancy Tube Fabric 06

Inflatable Collar Fabric 07

ZRF® Industrial Application

Storage Tank Fabric 08

Furnace Curtains/Welding Blankets Fabric 09

Anti Wicking Coated Fabric 10

Diaphragm Fabric 11

Gas Storage Balloon & Pillow Tank Fabric 12

Selection Chart 13



INTRODUCTION

Zenith Industrial Rubber Products Private Limited, has been a leading manufacturer and exporter of high-quality industrial rubber sheeting products since its establishment in 1965. Over the years, Zenith has achieved remarkable success in the global market and has become recognized as a trusted supplier.

With a strong focus on delivering excellence, Zenith offers a diverse range of products including wear-resistant rubber sheets, antiskid flooring, waterproofing membranes, coated fabrics, rubber inflatables, rubber moulded and extruded profiles. These offerings showcase the company's expertise and commitment to providing solutions that meet the varied needs of customers.

Zenith's dedication to quality and compliance is evident through its status as a government-recognized export house. This recognition highlights the company's commitment to upholding industry standards and ensuring customer satisfaction.

Supported by advanced infrastructure, Zenith boasts an impressive production capacity with 4 Intermix, 4 calendar, 30 Rotocure lines and 8 press lines. This infrastructure investment allows the company to meet the demands of the market effectively and efficiently.

With an installed **capacity of 90 tons of rubber compound per day**, Zenith continues to strengthen its position in both domestic and international markets. Through its extensive experience, leadership, and dedication to quality, Zenith has earned a reputation as a reliable and trusted provider in the industrial rubber sheet manufacturing industry.

Coated Fabrics

Zenith manufacture various types of coated fabrics for different applications such as barrier protection, abrasion resistance, air retention and high strength to weight ratios, flex resistance, and resistance to chemical gases and fuels also for AirCell, Gas Holder Balloon, Inflatable Work boats, Life rafts, Storage tank, Surge Bladder. Zenith uses basic fabrics such as Cotton, Nylon, Polyester, Glass and Kevlar.

Calender And Spread Technical Fabrics In		
Elastomers	Natural rubber SBR EPDM Nitrile Silicone	Chloroprene Butyl Hypalon Thermo plast(NBR PVC). Polyurethane (PU)
Textile And Substrates	Fabrics: (Square & Cross Woven, Multi Axial, Knitted, Twill) Cotton Polyester Blends Polyester Monofilament Nylon Kevlar/Aramid	Fibre Glass Viscose Canvas
Color	Black or Colored	
Thickness	Calender: from 0.25 mm up to 2 mm Spreading: from 0.25 mm upto 1 mm	
Ply Layer	Single or multi-layer laminate ply up to 3 ply construction with different elastomers/compounds/ textiles, color or gauge possible.	
Gauge	Calendered rubber fabric gauge from 0.30 mm up to 6.00 mm Spreading rubber fabric gauge from 0.10 mm to 1.00 mm Combination of spreading-calender combination products are made of required gauge .	
Weight	Textile weight 30 to 850 GSM Coating weight 75-5000 GSM (Calender / Spreading)	
Hardness	From 40 - 75 Shore A	
Length	Supplied to customers' requirements dependent on gauge and weight, customizable length	
Cure State	Cured / uncured.	
Surface Finish	Cloth, Smooth, Textured and Impression	
Ancillary Services	Slitting, Panel Cutting, Fabricating and Laminating.	

Technical & Industrial Overview

Acid resistant	Buoyancy	Weather resistant
Gaskets	Helipad landing base	Small Conveyor belt
Insulation	Packing	High strength and stiffness
Spindle tapes belting fabrics	Thermal screens	Inflatable fabrics
Alkali Resistant	Diaphragms	Special purpose
General purpose	High impermeable	Flexible storage material
Oil resistant	Printing Blankets	
Tent flooring & ground sheets	Ducts and Curtains	



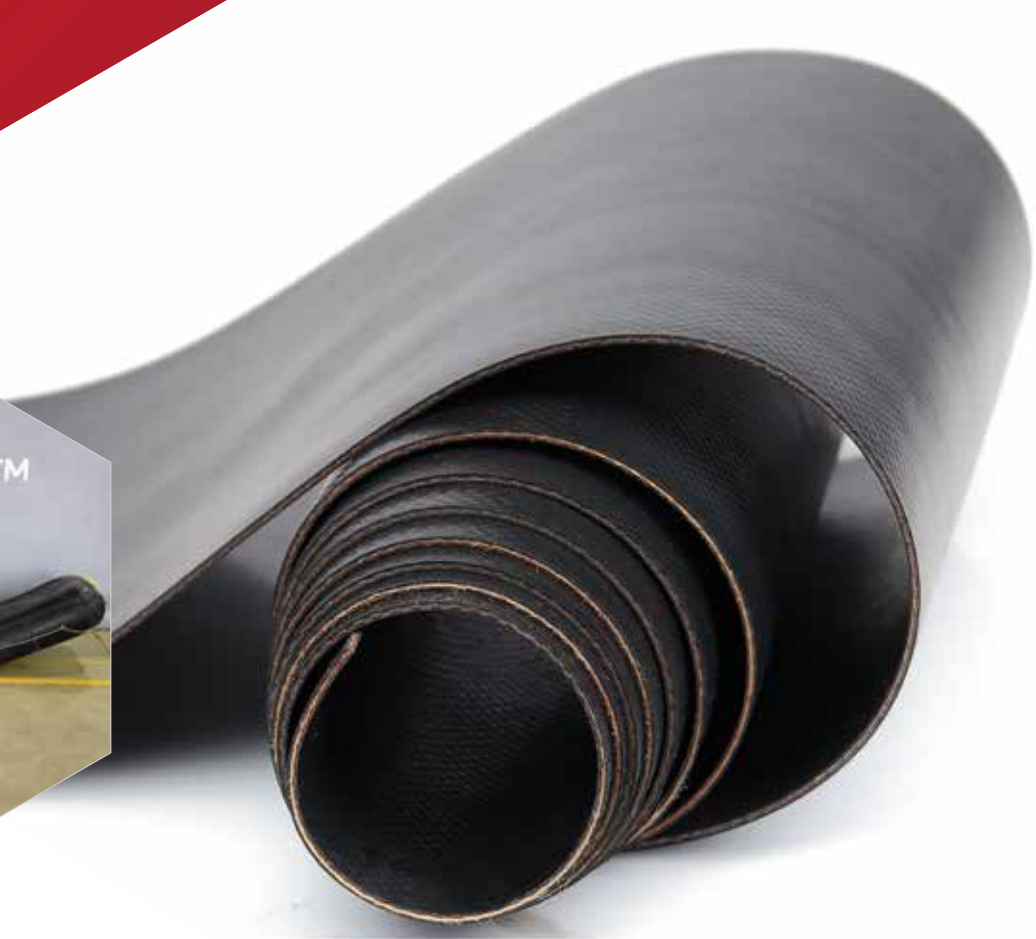
KK 200

ZRF® Defence Application

Features

- ✓ Resistant to water and Air.
- ✓ Basic fabric for Parachute manufacturing.
- ✓ Used in K.M. float (Temporary Rubber Bridge) manufacturing.
- ✓ Preferred product for military application.
- ✓ High breaking strength gives more durability and resistance to the product.

ZRF@1NE02NE02F	
Insertion Fabric	Nylon 66 (KK 200)
Polymer	Chloroprene / Chloroprene
Color	Black / Black
Breaking Strength	Warp-300 kgs, Weft-300 / Warp-661 lbs, Weft- 661 lbs
Min.Thickness	1.0 mm ± 0.10 mm / 0.043 inch ± 0.003"
Width Available	1.0 Mtr (39.37") to 2.0 Mtr (78.74")
Coated Fabric Weight	1150 (+10%/-5%) gsm / 33.81 (+10%/-5%) oz /yd2



KK 600

ZRF® Defence Application

Features

- ✓ Preferred product for military application.
- ✓ Highly resistant to water and air.
- ✓ Used in Parachute manufacturing.
- ✓ Basic fabric for K.M. float (Temporary Rubber Bridge). Double ply give extra strength to the fabric and make it more durable.

ZRF@2NE02NE02F	
Insertion Fabric	Nylon 66 (KK 600)
Polymer	Chloroprene / Chloroprene
Color	Black / Black
Breaking Strength	Warp-500 kgs, Weft-450 kgs / Warp- 1102 lbs, Weft- 992 lbs
Min.Thickness	1.30 mm ± 0.10 mm / 0.05 inch ±0.003"
Width Available	1.0 Mtr (39.37") to 2.0 Mtr (78.74")
Coated Fabric Weight	1550(+10%/-5%) gsm / 45.70(+10%/-5%) oz / yd ²



Baffle Wall Fabric

ZRF® Inflatable Application

Features

- ✓ Used for baffle wall application in inflatable boats.
- ✓ 100 % Chloroprene coated, both side.
- ✓ Available in different thicknesses and sizes.
- ✓ Attractive colors with durable performance.

ZRF@1NE02NE02D	
Insertion Fabric	Nylon fabric
Polymer	Chloroprene / Chloroprene
Color	Black / Black
Breaking Strength	Warp-170 kgs, Weft-170 Kgs / Warp- 374 lbs, Weft- 374 lbs
Min.Thickness	0.60mm ± 0.05mm / 0.024 inch ±0.002"
Width Available	1.0 Mtr (39.37") to 2.0 Mtr (78.74")
Coated Fabric Weight	600 ± 50 gsm / 17.64 ± 0.47 Oz/Yd2



Buoyancy Tube Fabric

ZRF® Inflatable Application

Features

- ✓ Used for inflatable's buoyancy tube application.
- ✓ Available in different thicknesses and colors.
- ✓ Available in different breaking strength.
- ✓ Resistant to water, solvent, oil, acid and other chemicals.

ZRF@1NE02HP02B	
Insertion Fabric	Polyester fabric
Polymer	Chloroprene / Hypalon (CSM)
Color	Black / Black
Breaking Strength	Warp- 500 kgs, Weft- 450 kgs/ Warp- 1102 lbs, Weft- 992 lbs
Min.Thickness	1.0 mm ± 0.10 mm, 0.039 inch ± 0.003" & 1.20 mm ± 0.10 mm, 0.047 inch ± 0.003"
Width Available	1.0 Mtr (39.37") to 2.0 Mtr (78.74")
Coated Fabric Weight	GSM 1300 ± 150 & GSM 1500 ± 150



Inflatable Collar Fabric

ZRF® Inflatable Application

Features

- ✓ Used for inflatable's collar.
- ✓ Available in different color combinations.
- ✓ Preferred product for inflatable boat's application.
- ✓ Follows BRITISH STANDARD BSMA 16.

ZRF@1HP07NE02A	
Insertion Fabric	Polyester fabric
Polymer	Hypalon (CSM)/ Chloroprene
Color	Black / Orange, Black / Grey
Breaking Strength	Warp-500 kgs, Weft-450 kgs / Warp-1102 lbs, Weft-992 lbs
Min.Thickness	1.20 mm ± 0.10 mm / 0.047 inch ± 0.003"
Width Available	1.0 Mtr (39.37") to 2.0 Mtr (78.74")
Coated Fabric Weight	1500 ± 100 gsm / 44.1 ± 2.94 oz/yd ²



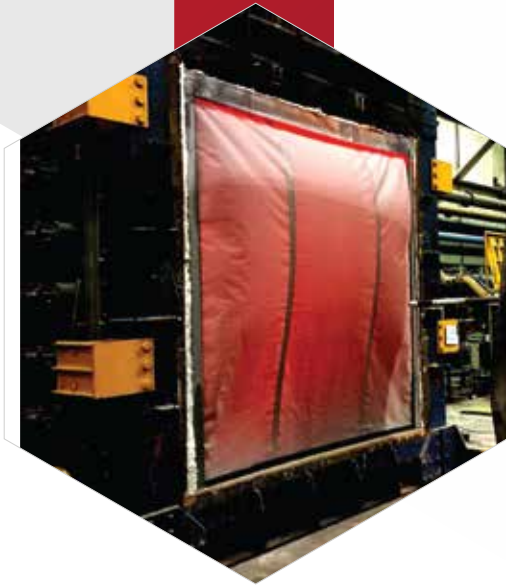
Storage Tank Fabric

ZRF® Industrial Application

Features

- ✓ High Temperature, solvent & oil resistance.
- ✓ Applicable in solvent storage tank.
- ✓ It also can be used in experimental floats in Defence.
- ✓ Available in different colors, sizes and thicknesses.

ZRF@1VT02VT02T	
Insertion Fabric	Heat set Nylon 66 fabric
Polymer	Chloroprene, Hypalon, Butyl, NBR, Viton & FKM
Color	As Per Customer Requirement
Breaking Strength	Warp-500 kgs, Weft-450kgs / Warp- 1102 lbs, Weft- 992 lbs
Min.Thickness	1.20 mm ± 0.10 mm / 0.047 inch ± 0.003"
Width Available	1.0 Mtr (39.37") to 2.0 Mtr (78.74")
Coated Fabric Weight	1500 gsm ± 100 / 44.23 ± 2.94 oz/yd ²



Welding Blankets Fabric

ZRF® Industrial Application

Features

- ✓ Available in different colors, sizes and thicknesses.
- ✓ Basic product for High temperature Fabric expansion joints (Rubber Bellows).
- ✓ It is used in furnace curtain, Welding blankets and defence application.

ZRF@1S112S112L	
Insertion Fabric	Glass Fabric
Polymer	Silicon/ Silicon
Color	As Per Customer Requirement
Breaking Strength	Warp- 175 kgs, Weft- 175 kgs / Warp- 385 lbs, Weft- 385 lbs
Min.Thickness	0.60 mm ± 0.05 mm / 0.023 inch ± 0.002"
Width Available	1.0 Mtr (39.37") to 2.0 Mtr (78.74")
Coated Fabric Weight	650 ± 50 gsm 19.11 oz/yd2 ± 1.47



Anti Wicking Coated Fabric

ZRF® Industrial Application

Features

- ✓ This has anti capillary quality which is used for Diaphragm Valve's Application
- ✓ It can withstand a temperature up to 250°C.
- ✓ It also can be used in experimental floats in Defence.
- ✓ Available in different colors, sizes and thicknesses.

ZRF@1VT02VT02T	
Insertion Fabric	Heat set Nylon 66 fabric
Polymer	Viton, FKM, Nitrile, Chloroprene, NBR PVC, Butyl
Color	As Per Customer Requirement
Breaking Strength	Warp-200 kgs, Weft-200 kgs / Warp- 572 lbs, Weft- 550 lbs
Min.Thickness	1.5 mm ± 0.05 mm / 0.059 inch ± 0.002"
Width Available	1.0 Mtr (39.37") to 2.0 Mtr (78.74")
Coated Fabric Weight	2200 ± 200 gsm / 76.44 ± 1.4 oz/yd ²



Diaphragm Fabric

ZRF® Industrial Application

Features

- ✓ This has anti capillary quality which is used for Diaphragm Valve's Application.
- ✓ It can withstand temperature ranging from -30°C to 125°C.
- ✓ It has good resistant to Oil and Solvent
- ✓ It is used for brake valves as insertion fabric.

ZRF@1NB04NB04F	
Insertion Fabric	Nylon 66 Fabric
Polymer	Nitrile (NBR)
Color	As Per Customer Requirement
Breaking Strength	Warp- 300 kgs, Weft- 300 kgs / Warp- 660 lbs, Weft- 660 lbs
Min.Thickness	0.90 mm ± 0.05 mm / 0.035 inch ± 0.003"
Width Available	1.0 Mtr (39.37") to 2.0 Mtr (78.74")
Coated Fabric Weight	1000 ± 50 gsm / 29.49 ± 1.4 oz/yd ²



Gas Storage Balloon Fabric

ZRF® Industrial Application

Features

- ✓ It withstands corrosion and averts leaks, requiring no maintenance for long-lasting durability.
- ✓ It can withstand temperature up to 110° C
- ✓ It also can be used in experimental floats in Defence.
- ✓ Available in different colors, sizes and thicknesses.

ZRF@1PU02PU02D	
Insertion Fabric	Nylon / polyester
Polymer	Chloroprene / Hypalon
Color	As Per Customer Requirement
Breaking Strength	Warp- 500 kgs, Weft- 450 kgs/ Warp- 1102 lbs, Weft- 992 lbs
Min.Thickness	1.0 mm ± 0.05 mm, 0.039 inch ± 0.002" & 1.20 mm ± 0.05 mm, 0.047 inch ± 0.002
Width Available	1.0 Mtr (39.37") to 2.0 Mtr (78.74")
Coated Fabric Weight	GSM 1300 ± 150 & GSM 1500 ± 150

Selection Chart

Polymer Coating With Fabric	Market End	Use
Chloroprene with Nylon 66 fabric	Defence & Marine Industry	Life Jackets
Chloroprene with Nylon fabric	Industrial / Defence Sector	Single Texture Coated Fabric (KK200)
Chloroprene with Nylon Fabric	Industrial / Defence Sector	Double Texture Coated Fabric (KK600)
Nitrile with Nylon fabric	Fire-Fighting	Rubber Bladder
Chloroprene with Nylon fabric	Defence Sector	Air Lifting Bag
Chloroprene with Nylon fabric	Defence Sector	NBC Suits
Chloroprene with Nylon fabric	Defence Sector	Helipad membrane & Helipad membrane repair kit
Chloroprene with Nylon fabric	Defence Sector	Don Rescue Suits
Butyl with Nylon fabric	Inflatable Products	Surge Bladder
FKM / FKM	Inflatable Products	Storage Tank Rubber Coated Fabric
Silicone / Silicone	High heat insulation products	Furnace Curtains / Welding Blankets Fabric
FKM / FKM	Inflatable Products	Anti Wicking Coated Fabric
Chloroprene / CSM Rubber	Inflatable Products	Gas Balloon & Pillow Tank Fabric
Chloroprene / Chloroprene	Inflatable Products	Baffle Wall Fabric
CSM Rubber / Chloroprene	Inflatable Products	Buoyancy Tube Fabric
CSM Rubber / Chloroprene	Inflatable Products	Inflatable Collar Fabric

Below mentioned colours are available for ZRF coated fabric. Other customized colours are available on demand.



Inflatable work boat



Onion tank



Life raft



Aircraft lifting bag



Gas holder balloon



Pillow tank



Air cell

Zenith Rubber enjoys the leadership status
with their wide Presence & Network
across the globe



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