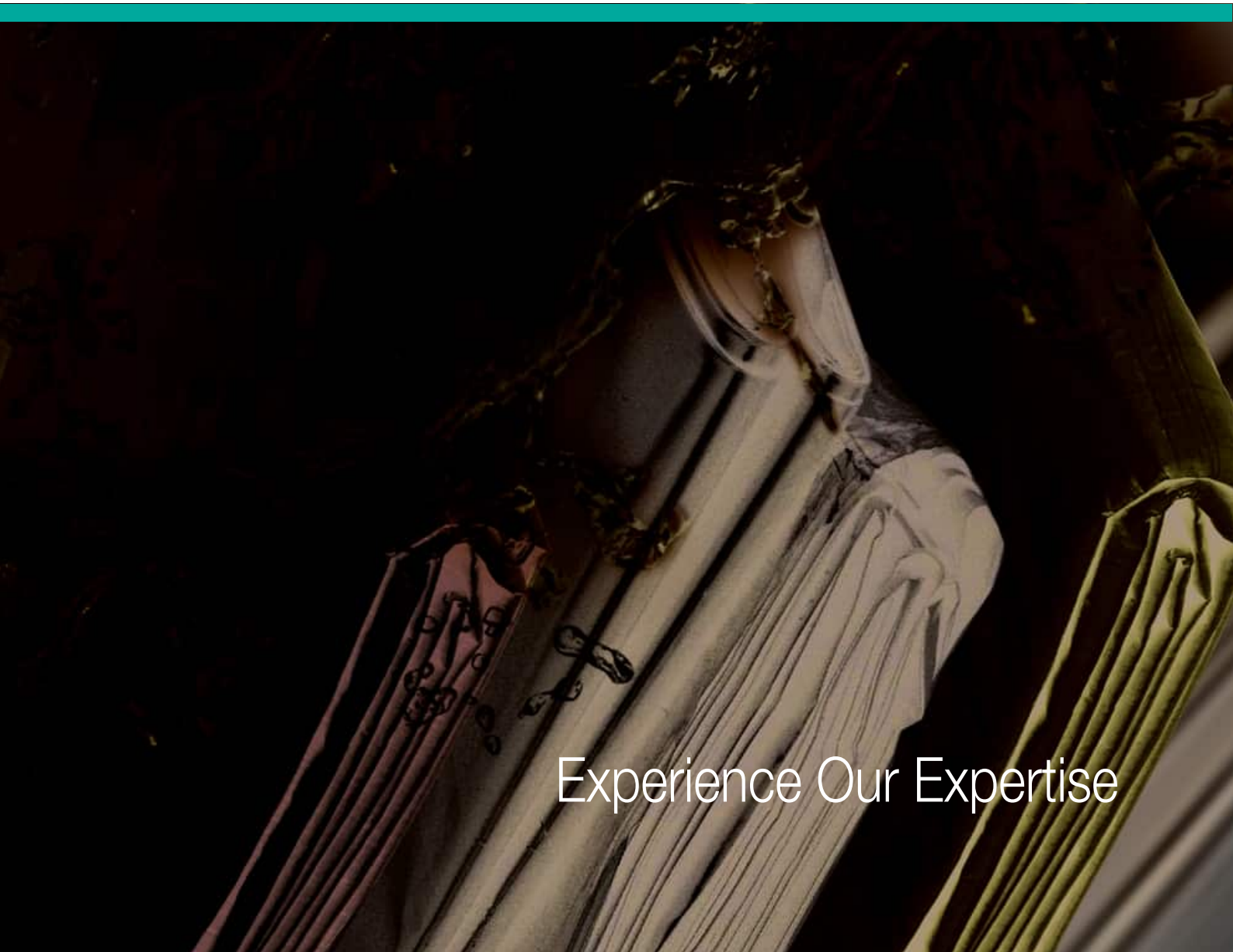
Supralene Multi Layered Reinforced PE

VAPORAP®
Products That Breathe Protection

Suprabha

VCI • Polymer • Packaging



With over 45 years of experience in serving the Engineering industry, Suprabha Protective Products Pvt. Ltd. India is one of the largest manufacturers of Bulk Packaging and Protective Packaging. We are an ISO : 9001:2015 & SA 8000:2014 certified company.

We have a totally integrated manufacturing facility capable of fabricating high quality bags, through processing of Tape & Fabric in Starlinger plant, laminating, automatic cutting and stitching. Have facility for printing in 4 colours. With over 1000 working professionals, in house R&D centres and PAN-India presence we have consistently managed to provide quality packaging products and solutions to our customers' delight.

Our Bulk Packaging System can be a one stop cost effective solution to all the packaging needs of our customers as it ensures damage control, wastage minimization, easy and efficient handling.



Supralene®

Multi Layered Reinforced PE

Supralene® is a multi layered reinforced PE laminate which offers higher degree of strength and water proof quality.

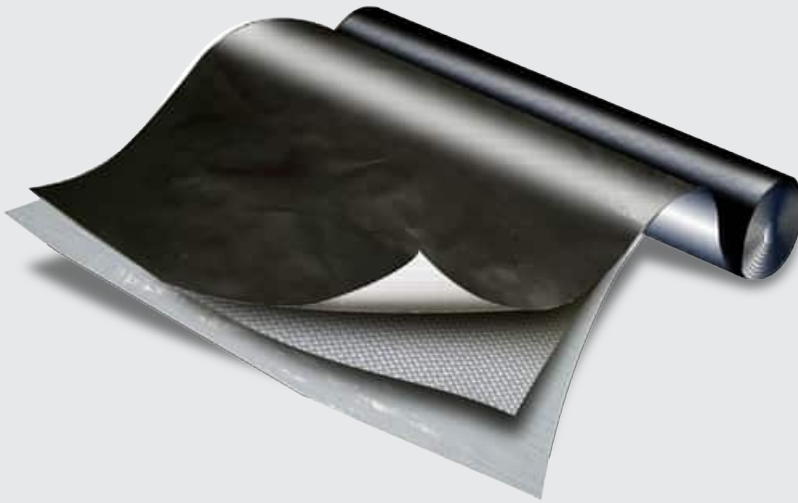
This is a multi layered product, with heavy duty mesh / scrim fabric reinforcement laminated between two layers of virgin, high strength polyethylene film, by coextrusion process. All the layers are specially treated with UV additives, making it suitable for external use also.

For agriculture and other outdoor usage, the product is manufactured specially with white colour film on one side. When white side is used as outside, it allows minimal heat build up and condensation, which is most desirable in agriculture application.

Suprabha with its R & D team, also offers a variant of this product **Supralene® Plus** with special SOVCI inhibitors, making it useful in rust preventive packing also.

Advantages

- Light weight, flexible
- Puncture resistance, high tear strength.
- High strength, excellent barrier property.
- UV stabilised for outdoor usage
- Heavy duty / high strength scrim reinforcement, in square grid extrusion laminated polythene film, resists punctures and stops further tearing.

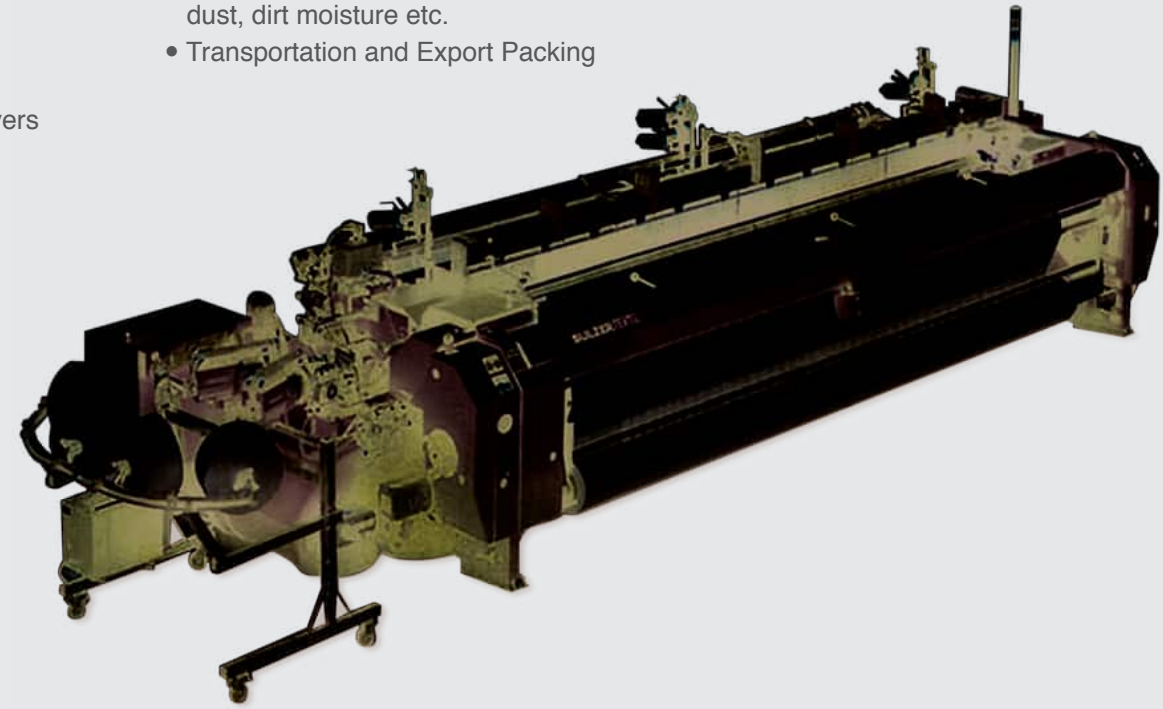




Application

Supralene® is used for short and mid-term storage, as

- Grain covers
- Fumigation covers
- Dunnage sheets
- Pond liners
- Construction covers
- Temporary Tents
- Industrial Covers for
  - Storage / preservation of machinery from dust, dirt moisture etc.
  - Transportation and Export Packing



Size and Packaging

Thickness and weight

Range from

140 gsm (6mil)

185 gsm (8 mil)

285 gsm (12 mil)

450 gsm (20mil)

Sizes

Available in variety of widths and lengths. Rolls can be supplied in 6' seamless and 12' with one joint widths and length upto 1000 mtrs.

Can be supplied as sheets / tarpaulin, with or without eyelets, reinforced corner upto and customised 3-D fabricated covers.

Colours

Black / Black, Black / White,

White / White, Blue / Blue,

Transparent, any other colour as per requirement.

Property and units	ASTM TEST METHOD	Category		
Thickness (mm)		**6 mil**	**8 mil**	**12 mil**
Weight (gm/ sq.mtr)		140	185	285
Grab breaking load (N)	ASTM D 4632	400	700	1350
Grab elongation (%)	ASTM D 4632	16	19	17
Trapezodial tear test (N)	ASTM D 4533	150	200	320
Puncture resistance (N)	ASTM D 4833	75	90	120
Water vapour tansmission rate (WVTR)gm/m^2/24hrs	ASTM F 1249	1	0.9	0.8
UV treated		yes	yes	yes









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