Based on the studies carried out, on wheat and paddy, at IICPT, SRF's 270 GSM PVC Coated Fabrics are "highly recommended" as Fumigation cover fit with the existing methods of fumigation and for "Cover & Plinth (CAP)" type storage of food grains

**Fumigation covers for CAP Storage**

- **CAP: Cover & Plinth** - an open space storage technique storing of grains on a **raised platform** (Plinth).
- Food grains packed in 50 kg Jute bags are stacked on the plinth and covered with **Polyethylene sheets**.
- An additional storage space for short period of up to six months protecting against harmful bacteria.

**Advantages**

- 100% insect mortality • Maintains the quality of grains for longer durations.
- The total cost of ownership of SRF's fumigation cover is far more than PE sheets • Durable fabric lasts longer.

**Key Features**

- Light weight (270 GSM) PVC coated fabric • 100% water proof • Only SRF has the capability to produce 270 GSM PVC coated fabric
- Highly UV stable • Easily fabricated to the desired shape and size • Very high seam strength and does not peel off
- Flexible and does not crack or tear after repeated folding • Highly durable and has a long life of minimum 3 years
- Suitable for both Phosphine as well as Methyl Bromide fumigation • 100% phosphine retention when tested in lab
- Found Superior to PE Sheets in Field Trials • Safe for Food Grains- Negligible Migration • Easily repairable with hot air

**What is Fumigation?**

Fumigation is carried out to kill insects with Aluminium Phosphide tablets for 5-7 days. Tablets react with Moisture and Phosphine gas is generated which kills the insects, once in three months or as and when infestation occurs.

**How SRF's Fumigation cover works?**

- Besides becoming a shield against weather withering SRF’s fumigation cover protects the grains by
- Creating airtight atmosphere around grain stack during fumigation.
Protecting your agro based products

WE ARE SRF

SRF is a multi-business entity engaged in the manufacture of Technical Textiles, Chemicals, Packaging Films & Engineering Plastics. With headquarters in Gurgaon, India, the USD 760 million company with a global workforce of around 5500 has operations in India, UAE, Thailand & South Africa.

SRF ACCOLADES

SRF pioneered introduction of synthetic coated fabrics in India. We have been market leaders based on our product range and their performance. SRF’s own polyester yarn, world class weaving & coating facilities and proprietary PVC compounding assures longer fabric life by exceptional functional parameters.

PRODUCT PROPERTIES

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Test Method</th>
<th>Direction</th>
<th>Target Spec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight/m²</td>
<td>g</td>
<td>IS: 7016 Part-I</td>
<td>-</td>
<td>270± 5%</td>
</tr>
<tr>
<td>Thickness</td>
<td>mm</td>
<td>SRF: TM / 46</td>
<td>-</td>
<td>0.23 Min</td>
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<tr>
<td>Tensile Strength</td>
<td>Kg/5cm</td>
<td>IS: 7016 (Part-II) – 1981</td>
<td>Warp</td>
<td>100 Min</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Weft</td>
<td>100 Min</td>
</tr>
<tr>
<td>Tear Strength</td>
<td>Kg</td>
<td>BS 3424 – Method 7A With 50mm gauge</td>
<td>Warp</td>
<td>15 Min</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Weft</td>
<td>15 Min</td>
</tr>
<tr>
<td>Adhesion</td>
<td>Kg/5cm</td>
<td>SRF: TM / 52</td>
<td>Warp</td>
<td>4.0 Min</td>
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<tr>
<td>Water Proofness @ 220 psi Flex</td>
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<td>IS:7016 (Part 7)-1986</td>
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<tr>
<td>Resistance</td>
<td>Cycles with No Crack</td>
<td>IS:7016 (Part 4)-1987</td>
<td>Warp</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Weft</td>
<td>No Crack</td>
</tr>
</tbody>
</table>

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