



# HIPPO WRAP™



## HIPPOWRAP™

HIPPOWRAP™ is the next generation of engineered woven extrusion coated fabric that provides protection for all your valuable investments. HIPPOWRAP™ is very strong yet light weight, flexible and tougher than any other plastic film of same thickness and weight.

## KEY APPLICATIONS

HIPPOWRAP™ comes as an brilliant solution for all your indoor and outdoor applications such as fumigation covers, agriculture tarps, for drying of chillies, spices, areca nuts, turmeric, grapes (raisin) and other agricultural produce, poultry curtain and roofs, temporary shelters, Raw Bricks covers, truck tarps, wagon covers, machine covers, industrial packaging and much more.

## KEY FEATURES

- HIPPOWRAP™ complies with Bureau of Indian Standard code IS 7903: 2017.
- Exceptionally resilient, the highest strength to weight ratio of any plastic film.
- Its all weatherproof, with the ability to withstand tough climate extremes.
- Technically designed UV stabilized fabric, withstand long term exposure to the sun and resist radiation.
- Unaffected by most cleaning chemicals and surfactants, inert to bacteria and mould growth.
- It offers the assurance of 100% waterproofing because of its specialty polymer multilayered extrusion coating.
- High tensile and tear strength ratings.
- Resilient – Impact and Puncture resistant, product hold its shape while remaining flexible up to 22% stretch.
- Lightweight, Flexible and easy to handle, transport and Use.
- Available in varied GSM: 80, 100, 125, 150, 180, 200, 230.
- Above all, its 100% Recyclable, an Eco Friendly film.

## STANDARD SIZES

Available in any width and length, duly hot sealed, subject to MOQ.  
It can be supplied in customized sizes, thickness and colors, subject to MOQ.

## STANDARD COLOUR

Standard available colours are Blue/Blue, Yellow/Yellow, Olive Green/Olive Green, Black/Black & Natural Colour.



## CHEMCO PLASTIC INDUSTRIES PVT. LTD.

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# HIPPO PROTEC™



## HIPPOPROTEC™ FILM & LINERS

HIPPO PROTEC™ Film & Liners are premium three-layer extrusion blown films manufactured with Reifenhauser technology which is known for world class blown film technology. This technology enables us to process raw materials that guarantee the highest level of mechanical strength and flexibility, and compatibility with all mechanical testing standards.

The Reifenhauser technology is known for:  
 The extra ordinary strength orientation in transverse direction.  
 Outstanding tearing properties in the film.  
 Outstanding tensile strength in both MD & TD.  
 Outstanding impact strength for heavy duty application.  
 Over all thickness variation control through the OBC & IBC systems.  
 Excellent colour dispersion.



HIPPO PROTEC™ fabric ranges from 25 microns to 400 microns without gauge variation. Customer Custom film is available in all colours subject to MOQ.  
 Roll length is as per customer requirement.  
 Up to 150 inch lay flat width from 25 microns to 400 microns.

## KEY APPLICATIONS

- Greenhouse films
- Mulching films
- Silage tubes
- Dunnage Sheets
- Tunnel films
- Silage cover films
- Silage stretch films

## TECHNICAL SPECIFICATION

SR. NO.	FILM PROPERTIES		TEST METHOD	UOM	225 GSM VALUE	140 GSM VALUE	60 GSM VALUE
1	Average Profile Thickness		ASTM F 2251	μ	240	150	65
2	2 Sigma Range		ASTM D 6988		3.8	4.2	3.9
3	Mass (g/m <sup>2</sup> )		ASTM D 4321	GSM	225	140	60
4	Film Width		ASTM F 2203	Inch	150	150	150
5	Tensile Stress @ Yield	MD	ASTM D 882	Mpa or N/mm <sup>2</sup>	22	20	19
		TD			19.5	17	16.5
6	Elongation @ Break	MD	ASTM D 882	%	690	615	645
		TD			815	715	710
7	Static Charge		ASTM D 4470	kv	5.2	5.3	5.1

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