



The Toughest Tarpaulin Cross Laminated Multi Layered Film

Technical Data Sheet Tuffpaulin

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www.tuffpaulin.com
info@tuffpaulin.com



Cross Laminated Multi Layered Films

Product Description

Tuffpaulin film is manufactured using 6 layered a patented manufacturing process which results into cross laminated multilayered structure.

Tuffpaulin as the name suggests is a highly tough plastic film with very high puncture resistance, high tear resistance, improved tensile strength, higher dart impact strength, higher resistance to tear propagation, excellent moisture barrier and is used in demanding applications.

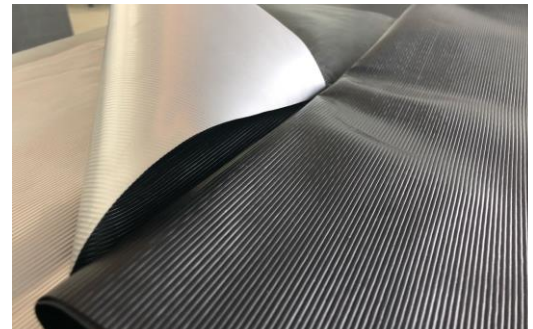
Tuffpaulin is specially designed product for the packaging of heavy equipment, armament, pallets, vehicles, automotive parts, engines, wind mills, power plant equipment, chemical plant equipment etc. Tuffpaulin is a 6 layered cross laminated multi layered plastic film with pseudo thickness imparted to improve strength and reduce tear propagation.

Tuffpaulin has got multiple features such as abrasion protection, movement restriction, water barrier as well as moisture barrier hence providing excellent option for long term preservation.

Tuffpaulin can be used for Truck Body Covers, Temporary Sheds, Mulching Films, Agricultural Films, Pond Liners , Green House Films etc.

The film is available as Roll, sheet or in the form of 3-D covers to wrap the equipment suiting the size of the equipment or the pallet. The film is very tough and cannot be stretched or punctured easily.

Product & Application Images



Suitable For

Tuffpaulin Film is available in form of 2 dimensional bags, 3 Dimensional Bags and covers or in the form of sheets with eyelet & Rolls .

Tuffpaulin can be used for Truck Body Covers, Temporary Sheds, Mulching Films, Agricultural Films, Pond Liners , Green House Films etc.



Cross Laminated Multi Layered Films

Features

- Multi metal Protection Cross laminated
- SMP Technology for Speedy Moisture Passivation
- Excellent Oxygen and Water Vapour Barrier
- Transparent for easy observation of Part Heat Sealable for an Inert Packaging system Can be printed or written upon for easy identification of parts
- UV Protected
- 2 Year Stand By

Application

The product is used for packing of machines, for water resistance etc. It is ideal to accompany Desiccants along with the bags to reduce humidity packed inside the packaging. Heat sealing of bag is preferred to reduce any new moisture entering the packaging. 3 D bags or 2 D bags can be used as per the desired dimensions and components can be packed and sealed in VCI bags using heat sealer.

Properties

Physical Properties	Test Method	Value
Colour	Visual	Blue, White, Yellow, Green
Available Thickness (microns)		90, 100, 150, 200, 250, 300 & 500 microns
Specific Gravity	ASTM D 1298	0.92
Surface pH		9
Tensile Strength (100 gsm film)	MD/CD	250kg/cm ² for 150 gsm
Dart Impact Strength (100 gsm film)	ASTM 1709-09	300 gf
Elongation		450%

Test	Method	35-55	70-100	120-150	200-250	300	500
Elongation	MD/CD						
a) Longitudinal direction		300	400	400	400	400	400
b) Transverse direction		250	300	300	300	300	300
Tensile Strength	MD/CD						
a) Longitudinal direction		250	250	250	250	250	250
b) Transverse direction		200	200	200	200	200	200
Dart Impact Strength	ASTM 1709-09	100	250	400	700	700	800
Tear Strength Min g.							
a) Longitudinal direction		650	1200	2080	3200	3200	4000
b) Transverse direction		450	900	1600	1600	2800	3500



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Forms Available

2D Bags, 3D bags, Cut Sheets with Eyelet, Rolls

Disposal

Wastes should be disposed off in accordance with local regulations.

Recommendation: Product in Recyclable



Disposal must be made according to official regulations.

Declaration

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