



Stretch Film

Abdul Rahman AbuObaid Plastic Factory

Introduction

We introduce ourselves as leading manufacturers and suppliers of Stretch Film, which is manufactured at ultra modern imported plant with state of the art technology from world leaders. Stretch Cling Film is a Multilayer, High Barrier, Wonder Packaging Film which has properties of stretchability and ability to cling on to itself without any external adhesive or heat. Stretch Film has versatile properties. It protects products from aerial moisture, dust and dirt which may be harmful for the products. We can also supply colored stretch film for specialized application as per clients requirement. Once wrapped with stretch film, the products are prevented from falling during transportation through bumpy roads. Scattering of small products can also be prevented by packing them together with stretch film. In some cases Shelf life of products can also be increased by using stretch wrap.



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Salient Features

- Can Be Used by Both Manually & by Machine
- High Tensile Strength and Puncture/ Tear Resistance
- Protects Products from Moisture, Dust, Dirt & Pilferage
- Secures Palletized Loads & Packaged Loads from Transit Damages
- Improves Containment of Load
- Enhances Safety of Employees
- Recyclable
- Can Be Supplied in Different Colors



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Sizes & Specifications

Stretch Cling Film is available in different Widths ranging from 75 mm to 900 mm with Thickness ranging From 20 Mic to 50 Mic. It is also available in two grades. i.e. one for Manual Packaging & another for Machine Packaging.

ITEM	CORE ID (In Inches)	THICKNESS (In Microns)	WIDTH (In mm)	Length (in Mtrs)
Manual Grade	1 / 3	20 ~ 29	100 ~ 500	300 ~ 500
Machine Grade	3	23 ~ 50	500	1000 ~ 2500



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TECHNICAL PROPERTIES

Characteristics	Method	Measurement Unit	Product Value					
			Manual		Machine			
Thickness		Micron	20	23	23	25	29	50
Density	ASTM D-1505	GR/CC	0.918	0.918	0.918	0.918	0.918	0.918
Impact Resistance (Dart Test)	ASTM D-1709	GR	110	115	200	250	300	350
Tensile Strength at Yield	MD	ASTM D-882 B	8.5 N/ mm2	9 N/ mm2	10.5 N/ mm2	12 N/ mm2	15 N/ mm2	20 N/ mm2
	TD		7.5 N/ mm2	8 N / mm2	9.5 N/ mm2	10 N/ mm2	13 N/ mm2	18 N/ mm2
Tensile Strength at Break	MD	ASTM D-882 B	21 M Pa	22 M Pa	25 M Pa	30 M Pa	35 M Pa	50 M Pa
	TD		13 M Pa	15 M Pa	17 M Pa	25 M Pa	30 M Pa	45 M Pa
Elongation at Break	MD	ASTM D-1922	2025 mN	2046 mN	2200 mN	2500 mN	2700 mN	3200 mN
	TD		2875 mN	2924 mN	3100 mN	3200 mN	3500 mN	3800 mN
Tear Resistance (Elmendorf)	MD	ASTM D-1922	2025 mN	2046 mN	2200 mN	2500 mN	2700mN	3200 mN
	TD		2875 mN	2924 mN	3100 mN	3200mN	3500 mN	3800 mN
Guaranteed Stretch	Highlight Method	%	145	145	250	250	250	250
Stretch	Highlight Method	%	145	145	250	250	250	250
Cling	Vijaypack Method	G	130	130	130	130	130	130
Haze	ASTM 1003				1<	1<	1<	1<
Gloss (450 Angle)	ASTM 2457	%			>90	>90	>90	>90

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Areas of Application

This material has found application in all kind of industries for Wrapping of Palletized Cargoes, Cartons, Boxes, Coils, Rolls, and Cylindrical Products. It is widely used in various types of industries to pack a range of products. Some of them are as follows:

Refractory; Non Ferrous Metals viz Lead, Zinc, Copper, Aluminum; Aluminum Ingots; Aluminum Extrusions; Wires & Cables; Consumers Electronics; Copper Wire; Medium & Heavy Engineering Goods; Furniture; Jute Yarn; Synthetic Yarn; Logistics; Chemical; Food Products; Block and Paver; Bagged Products, Paper Rolls, Rubber Product & many more



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Thank You



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