FOOD & BEVERAGES PACKAGING



PE SHRINK FILM

PACKAGING FILMS

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INTRAPAC technical packaging

PE SHRINK FILM

PE Shrink Wrap Film is a LDPE co-extruded blown lm, serves as protective wrapping for articles of merchandise. It consists of clear plastic lm that is wound around the articles and then shrunk by heat to form a sealed, tight tting package (Shrink package). Polyethylene (PE) Plain & Printed Shrink Films used as Multi-pack are much in demand for the Juice & Beverages Industries. PE Plain & Printed Rolls are for the packaging application (FFS) in Food & Detergent industries - a very fast growing Packaging sector Worldwide. Some of the salient features of this lm are mentioned below.

Shrink Film Features:

- 3 layers Co-Extruded lm
- High clarity
- High gloss nish
- High shrink ratio
- Excellent mechanical properties (high strength and stiffness)
- Suitable for wrapping bottles, can, carton packs…. etc.
- A better alternative for cartons and boxes.
- Attractive and economical

Technical Data Sheet

High Power Shrink Film

Technical Properties		Units	Measured Values	Method
Coefficient of Friction (F/F surface-Kinetic)			0.3	ASTM Method D 1894
Breaking Strength	MD	N/mm	34	ASTM Method
	TD		32	D 882
Yielding Strength	MD	N/mm	18	ASTM Method
	TD		16	D 882
Tear Strength	MD		255	ASTM Method
	TD		444	D 882
Elongation @ Break	MD	%	482	ASTM Method
	TD		589	D 882
Shrinkage Force	MD	%	70	Method
	TD		30	
Processing Condition of Shrinking Test		on set temperature 160°C / 10sec.		Method

Properties has been measured for 50 µ w ith 3.1 Blow up ratio (BUR) using LDPE and LLDPE material grades.
Thickness can be made according to the Machine standard in Micro mm: 25 - 120
Standard Roll Configuration Film: Width 250 - 3000mm, Roll Weight 15-100 kgs
Packing: 24 - 60 Rolls w ith Pallet Standard of 1000-1200mm (base on kg per reel).

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High Shrink Film

Technical Properties		Units	Measured Values	Method
Coefficient of Friction (F/F surface-Kinetic)			0.3	ASTM Method D 1894
Breaking Strength	MD	N/mm	34	ASTM Method
	TD		32	D 882
Yielding Strength	MD	N/mm	16	ASTM Method
	TD		14	D 882
Tear Strength	MD		248	ASTM Method
	TD		422	D 882
Elongation @ Break	MD	%	442	ASTM Method
	TD		562	D 882
Shrinkage Force	MD	%	72	Method
	TD		28	
Processing Condition of Shrinking Test		on set temperature 160°C / 10sec.		Method

Properties has been measured for 50 µ w ith 3.1 Blow up ratio (BUR) using LDPE and LLDPE material grades.
Thickness can be made according to the Machine standard in Micro mm: 25 - 120
Standard Roll Configuration Film: Width 250 - 3000mm, Roll Weight 15-100 kgs
Packing: 24 - 60 Rolls w ith Pallet Standard of 1000-1200mm (base on kg per reel).

Standard Shrink Film

Technical Properties		Units	Measured Values	Method
Coefficient of Friction (F/F surface-Kinetic)			0.3	ASTM Method D 1894
Breaking Strength	MD	N/mm	34	ASTM Method
	TD		32	D 882
Yielding Strength	MD	N/mm	14	ASTM Method
	TD		12	D 882
Tear Strength	MD		240	ASTM Method
	TD		400	D 882
Elongation @ Break	MD	%	442	ASTM Method
	TD		555	D 882
Shrinkage Force	MD	%	70	Method
	TD		30	
Processing Condition of Shrinking Test		on set temperature 160°C / 10sec.		Method

Properties has been measured for 50 µ w ith 3.1 Blow up ratio (BUR) using LDPE and LLDPE material grades.
Thickness can be made according to the Machine standard in Micro mm: 25 - 120
Standard Roll Configuration Film: Width 250 - 3000mm, Roll Weight 15-100 kgs
Packing: 24 - 60 Rolls w ith Pallet Standard of 1000-1200mm (base on kg per reel).

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PE SHRINK FILM

PE Shrink film are polyolefin shrink films engineered
to make your packaging look its absolute best,
while provid-ing unmatched value, versatility and durability.

Shrink Film is a LDPE co-extruded blown lm,
serves as protective wrapping for articles of merchandise.
It consists of clear plastic lm that is wound around the articles and then shrunk by heat to form a sealed, tight tting package (Shrink package).

Performance

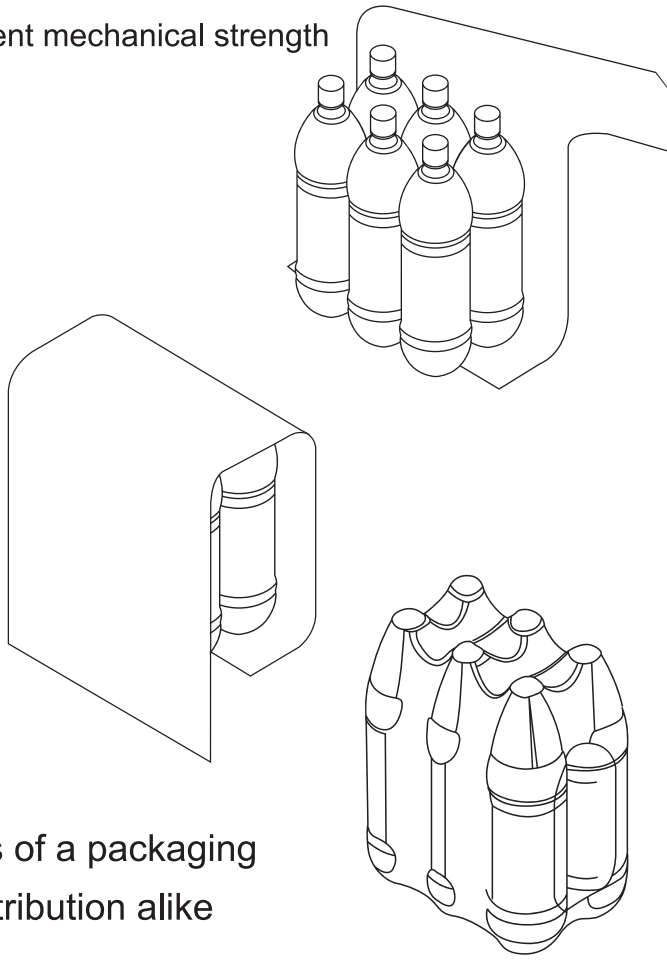
- Superior film optical properties and excellent printability
- Superior film impact resistance,film toughness and excellent mechanical strength
- Optimal shrinkage

Sustainability

- Focus on energy consumption and post-consumer ways
- Weight reductions
- Low temperature shrink performance

Cost

- Downguaging
- Film capable of high speed machining



Heat Shrink Wrapping of Bundles:

techniques, solutions,comparisons and advantages of a packaging technology that has revolutionized industry and distribution alike

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