



Co-Polymer-X™

STRETCH HOODER FILM

A stronger but thinner light-weighted alternative to standard hooder film reducing overall costs and plastic consumption by 25-50%.

Co-Polymer-X™ Stretch Hooder Film is produced with proprietary resin formations on advanced, three-layer W&H co-extrusion lines that are designed to run blow up ratios well beyond the normal industry capabilities. **PPI's W&H co-extrusion lines** gives us a tremendous competitive advantage in the Stretch Hooder market. It provides dramatic strength enhancement, which saves packaging costs and reduces plastic consumption by 25-50 percent.

The multi-layered Stretch Hooder Film made by Polymer Packaging is a tubular film sealed on one end, while the other end stretches over a palletized load using specialized hooder equipment, offering complete protection for load containment.



A stretch hooder machine utilizes stretch hooder film that provides five-sided external protection and superior load stability.

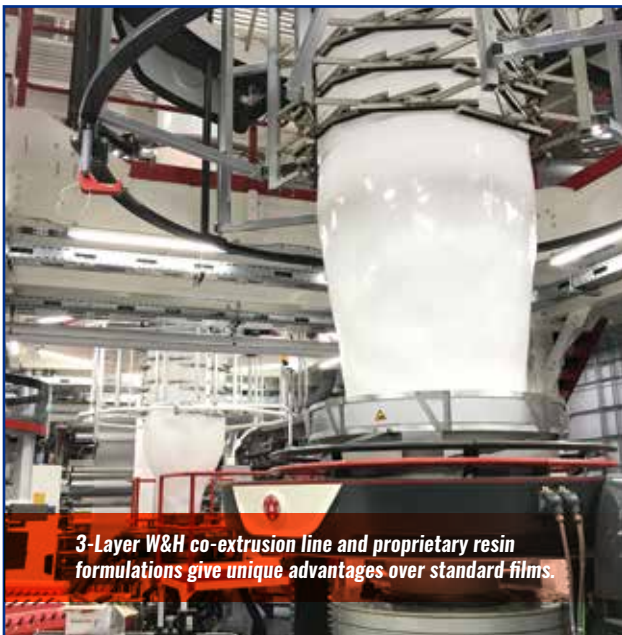
Manufactured in an SQF-approved and ISO 9001 certified facility. 3-Layer W&H co-extrusion line and proprietary resin formulations give unique advantages over standard films.

FEATURES

- Compatible with all major stretch hooding systems
- Weather protection
- UV protection
- Anti-stat
- Anti-fog
- Clear, tinted, or opaque film
- Printing available
- Recyclable
- Formulations - Co-Polymer-X and standard "me-too" formulations available

Advantages

- Protection on all five sides with superior holding force
- Easier handling
- Load stability
- Load visibility
- Excellent tear, dart and puncture resistance
- Brand Identification and visibility
- Barcode readability
- Higher-quality resins create a stronger film to secure heavy loads
- Best in class gauge control (<3%) (IS is 10%) ensures a fixed price per pallet
- SKU consolidation- Polymer's Stretch Hooder Films can palletize a broader range of pallet sizes
- Source reduction/sustainability by downgauging from 25—50% reduces overall cost



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Film Specifications

Material: PE

Film Circumference: Film Layflat 35" – 148"
Gusset Face Width 20" – 110"

Stretch Ratio: Up to 180%

Gauge: .001mil – .009mil

ROLL DIMENSIONS

Core Options: Fiberboard

Inner Core Dimensions: 3" and 6"

Min. Roll Diameter: 20"

Max. Roll Diameter: 48"

Minimum Volume Requirements: 5000/lbs per SKU

Applications

- Building Materials
- Food and Beverage
- Household Appliances
- Corrugated
- Bricks and Cement
- Bags
- Chemicals
- Fertilizer
- Minerals
- Pellets
- Mulch



Stretch Hooder Film offers superior protection and stability to traditional pallet film.

Co-Polymer-X™

OUTPERFORMS THICKER GAUGE MONO-PLY FILM IN ALL TESTS!

SAMPLE: Co-Polymer-X

MATERIAL: Co-P-X
GAUGE: .00125



Co-Polymer-X

SAMPLE: Mono-Ply

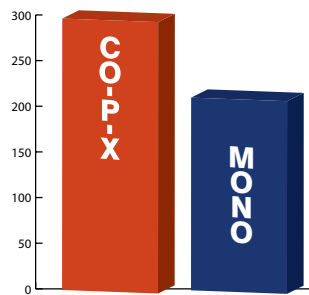
MATERIAL: LLDPE
GAUGE: .0019
(52% thicker)



Mono-Ply

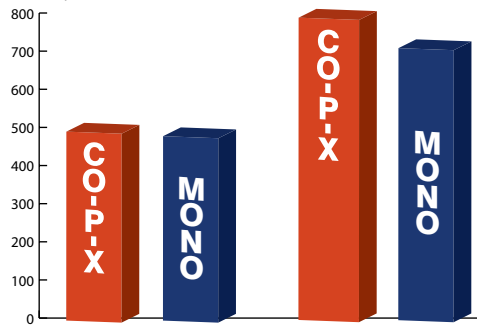
DART IMPACT

ASTM D1709 - Grams/26 in.
Sample #1 - 213g
Sample #2 - 300g



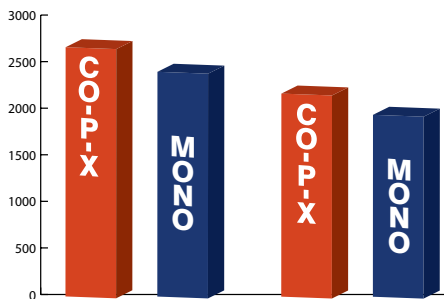
TEAR RESISTANCE (Elmendorf Tear)

ASTM D1922 - Grams (Type A)
Sample #1 - MD-488 / TD-720
Sample #2 - MD-500 / TD-800



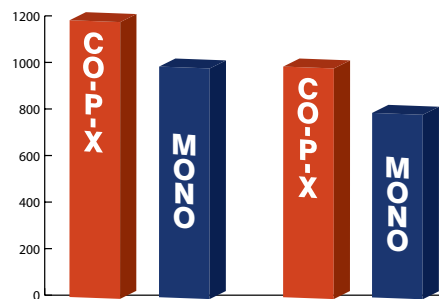
TENSILE STRENGTH

ASTM D882 - PSI
Sample #1 - MD-2435 / TD-1971
Sample #2 - MD-2700 / TD-2200



ELONGATION

ASTM D882 - %
Sample #1 - MD-1000 / TD-800
Sample #2 - MD-1200 / TD-1000



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