



Stock Products Catalogue

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www.layfieldflexpack.com

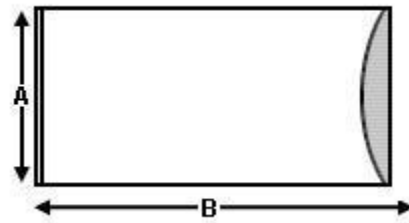
Layfield Flexible Packaging offers a number of stock film products to suit a variety of applications. Please take a look through this catalogue to determine if any of these products might suit your needs.

Bottom Seal Bags

Bottom Seal Bags are seamless on the sides, have an opening at the top and are sealed at the bottom of the bag. Bottom Seal Bags are used for heavy duty packaging applications.

Measuring Instructions

Width x Length x Gauge (Thickness)
Width = A Length = B



Example:

A= 10" (Width of bag)
B= 18" (Length of bag)

Size

= A X B X Gauge
= 10" X 18" X Gauge

Minimum & Maximum Capabilities

width = 2.5"
Maximum width = 58

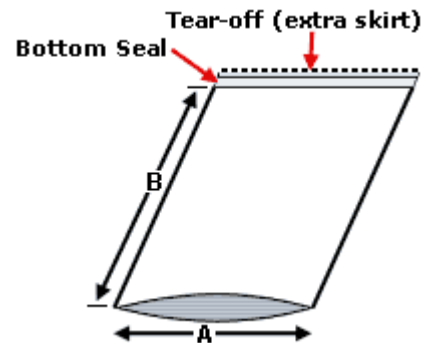
Bottom Seal Perforated-Tear-Off (PTO) Bags

Bottom seal Perforated-Tear-Off (PTO) bags on a roll are seamless on the sides, have an opening at the top and are sealed at the bottom of the bag.

These "pre-opened" plastic bags on a roll are the perfect solution for improving production efficiency in any manufacturing operation. Each bag is connected to, and separated from other bags by a perforation.

Measuring Instructions

Width x Length x Gauge (Thickness)
Width = A, Length = B.



Example:

A = 20", B = 24"

(measured from inside of bag to open seal)

Size

= A X B X Gauge

= 20" X 24" X Gauge

Center Slit Film

Center Slit Film has a slit down the center of one layer of film. This slit down the middle allows the tubing to open up to a flat sheet.

Center Slit Film is measured width (in inches) x length (in feet).

For example 20" x 100' Center Slit Film, is a 20" layflat tube with a slit on one layer, and will open up to a sheet that is 40" x 100' Sheet.

We can custom manufacture center slit sheeting to your specific size requirements, produced with your choice of high-quality materials, colors and offered with assorted printing options.

Measuring Instructions

Width x Gauge (Thickness)

Width = A

Length = Lineal Footage on a roll.



Example: A= 20" (Unfolded= 40")

Size = 20" X Gauge

Minimum & Maximum Capabilities

Minimum width = 12"

Maximum width = 150"

Minimum gauge = .00075 (3/4) mil

Maximum gauge = .010 (10) mil

Printing Capabilities

12"-26" or over 63": 1 colour, 1 side

26"-63" : 2 colour, 1 side or 1 colour, 2 sides

Center Slit Gusseted Film

Center Slit Gusseted Film has a slit down the center of one layer of film. This slit down the middle allows the tubing to open up to a flat sheet.

Center Slit Gusseted Film is measured width (in inches) x gusset (in inches) x length (in feet).

For example 20" x 10" x 100' Center Slit Gusseted Film is a 20" gusseted tube with a slit on one layer, and will open up to a sheet that is 60" x 100' Sheet.

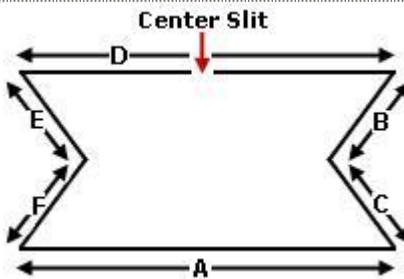
We can custom manufacture center slit sheeting to your specific size requirements, produced with your choice of high-quality materials, colors and offered with assorted printing options.

Measuring Instructions

Width x (Gusset) x Gauge (Thickness)

Width = A, Gusset = (B+C).

Length = Lineal Footage on a Roll



Example: A=20", B=5", C=5"

Size:

= A X (B+C) X Gauge

= 20" X 10" X Gauge (Unfolded= 60")

Minimum & Maximum Capabilities

Minimum width = 20" (A+B+C)

Maximum width = 336" (A+B+C+D+E+F)

Minimum gauge = .00075 (3/4) mil

Maximum gauge = .010 (10) mil

Printing Capabilities

12"- 26" or over 120" : 1 colour, 1 side

26"- 120" : 2 colour, 1 side or 1 colour, 2 sides

Center Fold Sheeting

Center-Fold Sheeting (also referred to as Slit-On-Edge Tubing or U-Film) is polyethylene tubing which has been folded in half, and can be slit on either the left or right side, and wound up on a roll.

Center Fold Sheeting is measured width (in inches) x

length (in feet). For example 12" x 100' Center-Fold Sheeting will open up to a sheet that is 24" x 100'



CGSB Vapour Barrier

Layfield is proud to be certified to CAN/CGSB-51.34-M86, the Canadian General Standards Board (CGSB) program listing for Polyethylene Vapour Barrier Sheeting for use in Building Construction. We've held this designation in good standing since 1988.

Vapour Barrier film is certified by the CGSB for use in controlling the diffusion of water vapour in building construction. It must satisfy the strict requirements of the standard, which is referenced in the National Building Code. Some of those requirements are listed in the table below.

Vapour Barrier is suitable for use in a variety of applications in above-grade building construction, the interior of below grade building construction, under (concrete) slabs, ground cover and numerous other applications. This is due in large part to the durability and

quality that Layfield builds into it's CGSB products.

Other possible applications for CGSB Vapour Barrier are:

- Wall and ceiling vapour barrier
- Below concrete slab
- Foundation damp proofing
- Crawl space damp proofing
- Sill Poly
- Plate Poly
- Eave protection Poly

Layfield's Vapour Barrier is manufactured to exceed the strict specifications of the CGSB. The 51.34 standard has specific requirements, both for the materials that are used to manufacture the poly, and the physical properties of the final product.

Specifications	CGSB Manufacturing Specifications				
	Min	Max	Units	ASTM Standard	Layfield Typical Values
Resin Density	0.905	0.930	g/mL	D 1505	0.920
Resin Melt Index	-	1.5	g/10 min.	D 1238	0.9
Tensile Strength - MD/TD	12/8	-	MPa	D 882 A	13.5/9.5
Elongation - MD/TD	225/350	-	%	D 882 A	450/600
Thickness	150/120 min	-	Microns	D 2103	6 mil +/-10%
Dart Impact	300	-	Grams	D 1709	425
Oxidative Induction Time	30 min @ 190 C	-	Minutes	D 3895	47 min

Values expressed in the above table are averages of historical runs across the entire Vapour Barrier product range, not absolute target values

External testing is performed every six months by an external lab, at the request of the CGSB. Quality Audits are also performed by the CGSB on a periodic basis, this is in addition to Layfield's own internal quality management processes.

Construction & Agricultural Film

Layfield manufactures a wide array of polyethylene plastic sheeting for multi-purpose applications. These products, by their very utilitarian nature, are used by virtually all market sectors and industries.

Our products come in many grades for the many possible applications, following are examples of the grade offered and typical applications.

Typical Uses:

Utility - Dust Covers, Paint Drop Sheets, Ceiling Stippler Film, Furniture Covers

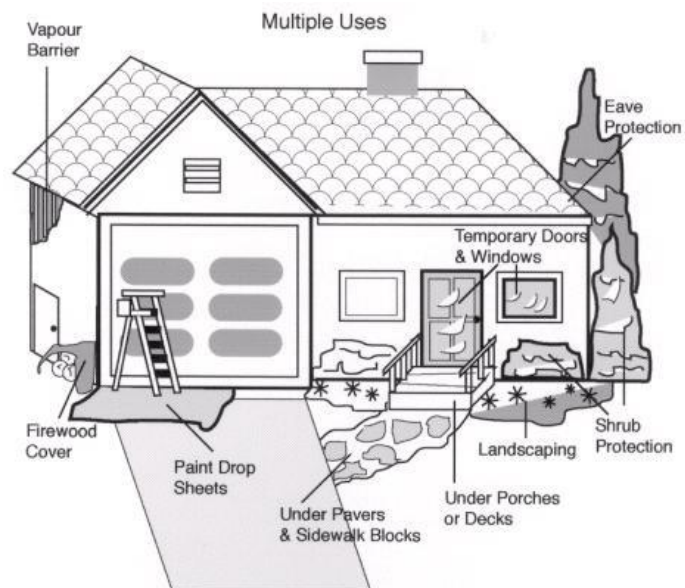
Light Duty - Paint Drop Sheets, Ceiling Stippler Film, Dust Covers, Furniture Covers

Medium Duty - Equipment Covers, Temporary Windows, Hoarding, Firewood Covers, Concrete Covers, Rain Protection

Heavy Duty - Temporary Windows, Winter Hoarding, Equipment Covers, Firewood Covers, Concrete Covers, Weed Protection (under decks/patios, under paving stones, flower bed dressing), Garden Hot House, Rain Protection

Extra Heavy Duty - Winter Hoarding, Under Paving Stone, Under Shale and Gravel, Embankment Covers, Temporary Greenhouse Cover, Heavy Equipment Covers

ALSO AVAILABLE IN BLACK for Weed Protection, Seed Germination, Soil Sterilization, Mulching



Coreless Boxed Painter's Plastic

Coreless Boxed Painter's Plastic is a multi-purpose film which is suitable for a variety of applications. Each roll of film comes in a dispenser box, with a convenient tear-off strip for ease of use.

Potential applications include:

- Ceiling stippler film
- Paint masking
- Furniture covers
- Weather protection
- Equipment covers
- Dust protection
- Auto masking



Based on industry research, 3,600 square feet is our standard film size, however Layfield always strives to be responsive to the needs of customers. If you have another size of film that you'd like to try, please don't hesitate to ask, as we'd be happy to attempt to accommodate your needs.

Standard sizes for this product are:

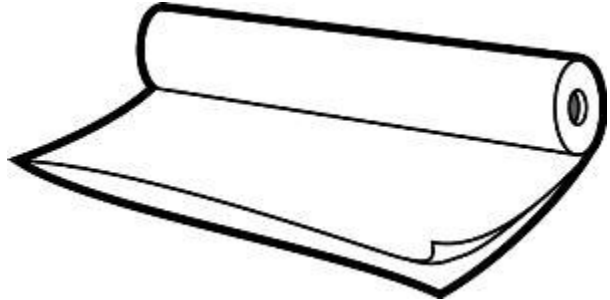
3600 ft² - 9' x 400' Utility - 120 boxes per pallet

3600 ft² - 10' x 360' Utility - 120 boxes per pallet

Double Wound Sheeting

Double Wound Sheeting (DWS) is a layflat polyethylene tube which has been slit on both sides, creating two sheets on top of each other. These sheets are then wound up two layers thick on a roll.

We can custom manufacture double wound sheeting to your specific size requirements, produced with your choice of high-quality materials, colors and assorted printing options.



Gusseted Tubing

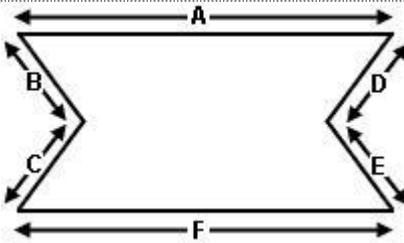
When plastic film or polythene is extruded, the polymer is melted and hot air is blown in to it to create a bubble. By cooling and pulling the polythene off the extruder a tube of film is created, the film runs through gusset boards which create pleats in the film before the film is wound.

Gusseted Tubing has a triangle shaped pleat on both sides of the film. These gussets allow the tubing to expand beyond its layflat width, allowing more room within for bulky, big or square items.

Gusseted tubing is an economical way to package or enclose objects of the same width but various lengths. Gusseted tubing is ideal for packaging odd-shaped, long or difficult to wrap items. Simply insert your product into the tubing, cut the tubing to the required length and heat seal, staple or tape one or both ends to create made-to-measure bags.

Measuring Instructions

Width x (Gusset) x Gauge (Thickness)
Width = A or F, Gusset = (B+C) or (D+E)
Length = Lineal footage of the roll



Example:

A=20", B=5", C=5", D=5", E=5", F=20"

Size = A X (B + C) X Gauge
= 20" X 10" Gusset X Gauge

Minimum & Maximum Capabilities

Minimum width = 18" (A+B+C)
Maximum width = 168" (A+B+C)
Minimum gauge = .00075 (3/4) mil
Maximum gauge = .010 (10) mil

Printing Capabilities

12"- 26" or over 120" : 1 colour, 1 side
26"- 120" : 2 colour, 1 side or 1 colour, 2 sides

J-Film

A form of center fold sheeting with an upper surface that is a different width than the lower surface. As the film is taken off the extruder a knife cuts the bottom sheet of the tubing to create two sides of unequal length.

We can custom manufacture J-film to your specific size requirements, produced with your choice of high-quality materials, colors and assorted printing options.

Layflat Tubing

When plastic film or polythene is extruded, the polymer is melted and hot air is blown in to it to create a bubble. By cooling and pulling the polythene off the extruder a tube of film is created, and then laid flat when being wound onto it's cardboard core, thus called "Layflat Tubing".

Layflat tubing (also known as "poly-tubing") is a flexible, continuous roll of polyethylene tubing open at one end and rolled up at the other on a cardboard core. Layflat tubing enables the consumer to determine length of the bag required for each item being packaged.

Layflat tubing is the easiest and most economical way to package or enclose objects of same width but various lengths. Layflat tubing is ideal for packaging odd-shaped, long or difficult to wrap items. Simply insert your product into the tubing, cut the tubing to required length and heat seal, staple or tape one or both ends to create made-to-measure bags.

Low Tunnel Films

Tunnel films are made of clear or white polyethylene that is too heavy to float above a row of crops, so the sheets of film are supported by hoops. Low tunnel films are commonly used in combination with black plastic mulch for weed control. Hoop-supported row covers are often called low tunnels. They offer many of the same benefits as floating row covers, but are not permeable to air or water and are more labor-intensive.

Low Tunnel Films will allow you to force earlier planting and harvest higher yields and better quality crops by:

- Maintaining high plant and root temperatures.
- Protecting crop against climate aggressions.
- Minimizing day/night temperature fluctuation.
- Stopping soil from drying out.
- Controlling insects and varmints.

Layfield can also custom manufacture low tunnel films to meet your specific growing locale.

M-Sheeting

M-Sheeting is gusseted tubing which has been slit at the top edge of one of the gussets (pleats) and wound up on a roll.

M-Sheeting is measured width (in inches) x gusset (in inches) x length (in feet).

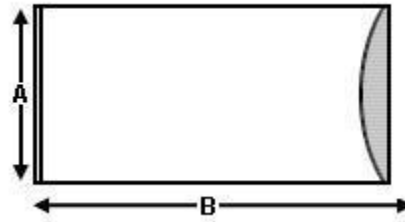
For example 20" x 10" x 100' M-Sheeting will open up to a sheet that is 60" x 100'.

Sideweld Bags

Sideweld poly bags have seals on the side instead of the bottom. They have a fold on the bottom, an opening on the top and are sealed at both sides. They are best suited for light weight materials, and are, in some cases, less expensive than bottom seal bags.

Measuring Instructions

Width x Length x Gauge (Thickness)
Width = A Length = B



Example:

A= 10" (Width of bag)
B= 18" (Length of bag)

Size

= A X B X Gauge
= 10" X 18" X Gauge

Minimum & Maximum Capabilities

width = 2.5"
Maximum width = 58

Single Wound Sheeting

Single Wound Sheeting (SWS) is a layflat polyethylene tube which has been slit on both sides, creating two sheets on top of each other, which have been separated and independently wound creating two individual rolls. Single wound sheeting can be used for a wide range of applications and is designed for use with many machine fed packaging applications.

When ordering single wound sheeting, rolls must be ordered in even numbers (i.e. 12 rolls, 22 rolls, 100 rolls, etc.).

We can custom manufacture single wound sheeting to your specific size requirements, produced with your choice of high-quality materials, colors and assorted printing options.