



CAPABILITIES AND PRODUCTS

GENERAL - New Tech Plastics, Inc. extrudes and converts co-extruded and single layer film products for industrial packaging applications. Since its beginning in 1980, New Tech Plastics has grown steadily through its development of films and film products having better performance/cost characteristics.

LOCATION - New Tech Plastics' production and office facilities are located in Covington, Ohio, a small rural community located 9 miles west of I-75, 20 miles north of Dayton, Ohio.

PHYSICAL DATA - New Tech Plastics operates 4 production plants and currently employs 75. Fifteen extrusion lines are now in operation: 10 three-layer co-extrusion lines and 5 mono-film lines. 1 of our 5 mono-film lines is capable of producing high molecular weight HDPE film.

FILM CAPABILITIES -

Minimum tubing width: 11" (3-1/2" if slit-sealed)
Maximum tubing width: 98" (gusset over 68" face width)
Minimum SW sheeting: 4.5"
Minimum gauge: .0004 (9 micron for HMW-HDPE)
Maximum gauge: .008
Gusseted film and corona treating available.

CONVERTED PRODUCTS -

Minimum bag length: 12"
Maximum bag length: 400"
Bags are available on rolls and individually cut.
Sheets are also available on rolls and individually cut.

TERMS/POLICIES - New Tech Plastics payment terms are Net 30 days. Samples will be provided, if feasible, at no charge. Evaluation orders will be priced at the quantity break most likely to be used in an ongoing program. New Tech Plastics is a custom operation; therefore, we do not use a published price list. Each application will be individually quoted by our sales office. If requested, we will drop ship. Representatives: we will guarantee the protection of an account upon our acceptance of an initial order.



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BASIC PRODUCT LISTING

FILM DESIGNATION: HL-26/HLX-120 - A series of co-extrusions of HDPE and LLDPE or LDPE. The combination of HDPE with the other resins provides the strength necessary to replace a conventional liner grade film, down gauging up to 30% in many applications. Both materials are available as a differential slip product (high slip inside, low slip outside). The inner high slip film will not scratch or otherwise interact with plastic or painted products. The outer low slip film will increase the ability to stack packaged products. HLX-120 is a co-extrusion incorporating newer materials which increase sealing capability, puncture and tear resistance.

FILM DESIGNATION: 2L-44 - A family of co-extrusions combining LLDPE with LDPE. This film is used in those applications where HL-26 may not be effective due to its HDPE layer. In this combination the LLDPE is used to offset the blocking and stretch of the LDPE while still maintaining strength and impact resistance. Available in thicknesses of .0004 to .008, 2L-44 can usually be down-gauged 20% when replacing a conventional liner grade film. 2L-44C is an excellent shrink bundling film.

FILM DESIGNATION: VLV-313/LHV-313 - Three-layer co-extrusions formulated for fresh produce packaging. VLV-313 has a higher permeation rate and is used to package products with high rates of respiration. LHV-313 has increased barrier properties and consequently, a lower permeation rate.

FILM DESIGNATION: HMW-36 - New Tech's single-layer high molecular weight high density film is available in thicknesses of 9 to 25 microns (.00035" to .001") and in widths of 32 to 65 inches. HMW-36 film is available as single-wound sheeting and tubing only.

FILM DESIGNATION: DXD-323 - New Tech's three-layer HDPE film is a combination of two layers of HDPE and a central layer of high strength super hexene LLDPE. DXD-323 has the appearance and performance characteristics of HMW-HDPE and is available in a wide range of widths, thicknesses and converted products.

FILM DESIGNATION: MD-62 - Three layer film combining HDPE, LLDPE and metallocene plastomer resins. MD-62 is widely used in vertical and horizontal form, fill and seal applications and is suitable for use on uncoated sealing equipment.



CHANNEL PLASTICS

Channel Plastics is the name under which New Tech Plastics manufactures and markets a line of film products using film scrap generated at New Tech and several other extrusion mills as well as a small amount of post-consumer scrap collected from New Tech customers. Channel Plastics products are manufactured using processes and equipment developed by New Tech Plastics which result in very high quality and high strength characteristics when compared with other reprocessed or recycled films. Four extrusion lines with a total output of 4MM lbs. annually are currently in operation. A wide range of film and film products as described below are available. Corona treated films and low slip films are not available in Channel Plastics.

CHANNEL FILM CAPABILITIES -

Minimum tubing width: 11" (4-1/2" if slit-sealed)

Maximum tubing width: 52" (gusset over 42" face width)

Minimum thickness: .0009" (Not all widths available in .0009)

Maximum thickness: .008" (Not all widths available in .008)

CHANNEL CONVERTED PRODUCTS -

Minimum bag length: 12"

Maximum bag length: 400"

Bags and sheets on rolls and individually cut.

Venting is available.

Channel Plastics film products can be manufactured in standard film colors.

Channel Plastics film products have good strength characteristics since they are a blend of LLDPE, HDPE and conventional LDPE materials. Natural (clear) Channel films are somewhat cloudier than conventional industrial liner film although contact clarity is sufficient for easy product identification. Channel Plastics products are not recommended for applications requiring films FDA approved for food contact.