

PLAS-TEK

Preformas, Cápsulas e Embalagem Plásticas

SHRINK FILM-EN



Email: vendasplastek@gmail.com

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Plastek's shrink film EN is an especially versatile cross-linked shrink film with outstanding performance on a wide range of packaging machines. Low seal and shrink temperatures along with perfect shrinkage results and low coefficient of friction offer great potential for all applications. **It can down gauging the microns of normal grade with superior drawdown and enhanced toughness.**

Applications- Water bottles packaging, beverage collation shrink, blown film, form fill and seal packaging, heavy duty bags and multilayer packaging film

SHRINK & SEAL PROPERTIES

- Very strong seals
- Quick shrinkage
- High shrink force
- Outstanding stability

SPECIAL FEATURES

- Excellent clarity and gloss
- Easy to use
- Excellent hot slip properties

EN is available in: CUSTOMISED gauges and microns with center sleeve or single wind.

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Film Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Yield MD	1900 psi	13 MPa	ASTM D882
Tensile Strength at Yield TD	2200 psi	15 MPa	ASTM D882
Tensile Strength at Break MD	9600 psi	70 MPa	ASTM D882
Tensile Strength at Break TD	7700 psi	50 MPa	ASTM D882
Elongation at Break MD	470 %	470 %	ASTM D882
Elongation at Break TD	760 %	760 %	ASTM D882
Secant Modulus MD - 1% Secant	45000 psi	310 MPa	ASTM D882
Secant Modulus TD - 1% Secant	53000 psi	370 MPa	ASTM D882
Dart Drop Impact	130 g	130 g	ASTM D1709A
Elmendorf Tear Strength MD	40 g	40 g	ASTM D1922
Elmendorf Tear Strength TD	770 g	770 g	ASTM D1922

FOOD CONTACT

EN SHRINK FILMS comply with the requirements and regulations which state that materials may be safely used in food contact applications, as described in the code of Federal Regulations of the U.S. Food and Drug Administration Title 21 para. 177.1520 and in the Commission Directive No. 2011/10/EU – U – L 34, 9.2.11, EU 1935/2004, and EC 90/128/EEC Official Journal of European Communities, No. L75/19

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SAFETY & ENVIRONMENT

EN SHRINK FILMS contain no CFC's nor any residues of heavy metals. The gas generated during sealing of EN shrink films is comprised of hydrocarbon derivatives of the pure raw material and contains no harmful substances, irritants, or chlorine derivatives.

STORAGE:

SHRINK FILMS should be stored in a cool, dry environment away from direct sunlight. Maximum storage temperature: 25°C / 77°F. The above table is based on test data believed to be reliable. Since it is not possible to anticipate the different and varying conditions under which EN films may be used, purchasers are advised to carry out their own tests to determine the suitability of Plastek EN products for their specific purpose.

PLAS-TEK Angola Lda, PIV KM25, LUANDA, ANGOLA

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