



TECHNICAL DATA SHEET

ULTIMATEWRAP HANDROLL STRETCH FILM

Document No	CPA-TDS-GA 01
Release Date	10.10.2023
Revision Date	
Revision No	

PRODUCT GENERAL SPECIFICATION:

PRODUCT CODE:	UW
PRODUCT DESCRIPTION:	HAND STRETCH FILM: 48 GA / 12.2 MICRON * 12 INCHES
MAIN USAGE:	PALLET AND GOOD PACKAGING
PRODUCT TYPE	HIGH RETENTION PERFORMANCE CLASS HANDROLL STRETCH FILM EQ of 80 GA STANDARD HANDROLL
MATERIAL	LLDPE (LINEAR LOW-DENSITY POLYETHYLENE)
DENSITY	0.916 - 0.918 g/cm ³
COLOR	TRANSPARENT
RECYCLABILITY	YES- 100 %
CLARITY	HIGH
CLING	INSIDE
CORE TYPE	PAPER- PRINTED
CORE INTERIOR DIAMETER	2.99 INCH / 76 mm
CORE WEIGHT	250-270 GR
CORE LENGTH	320 mm

PHYSICAL VALUES

TEST	VALUE	TOLERANCE	TEST METHOD
FILM WIDTH	12 INCH – 30.5 CM	+, - 1,5mm	ISO 4591
FILM THICKNESS	48 GA – 12.1 MICRON	+, - 5%	ISO 4591 / ASTM E252
FILM LENGTH	1500 FT – 450 MTS	+, - 5%	ISO 4591
NET FILM WEIGHT	3.4 POUND – 1.53 KG	+, - 5%	ISO 4591





MECHANICAL PROPERTIES

TEST	VALUE	TOLERANCE	TEST METHOD
TENSILE STRENGTH AT BREAK – Mpa (Longitudinal)	29	+, - 10 Mpa	ISO 527 / ASTM D882
TENSILE STRENGTH AT BREAK – Mpa ((Transverse)	13	+, - 10 Mpa	ISO 527 / ASTM D882
ELONGATION AT BREAK % (Longitudinal)	190	+, - 10%	ISO 527 / ASTM D882
ELONGATION AT BREAK % (Transverse)	420	+, - 10%	ISO 527 / ASTM D882
DART IMPACT- Kg	2,8	+, - 20%	ISO 7765 / ASTM D1790

PACKAGING

BOX	YES
PCS PER BOX	4
BOX DIMENSIONS	246*246*323
ROLL BUBBLING COVERAGE	NO
PCS / PALLET	
PALLET DIMENSIONS	
SELF LIFE	12 MONTHS
STORAGE	DRY, 15-25 C

COMPARISON

LOWEST: 1 / HIGHEST :5

	RETENTION FORCE	TENSILE STRENGTH MD	PUNCTURE RESISTANCE	TEAR RESISTANCE	CONSUMPTION PER PALLET
ULTIMATE WRAP- 48 GA HANDROLL	4	3	3	3	5
REGULAR HANDROLL STRETCH – 70 GA	2	3	3	3	2

This comparison made under at semi automated wrapper under the same pallet and working conditions.

This data may vary without any notice – the updated typical sheets can be forwarded at any time. Since many different factors may influence the products' performance, we recommend that you test the product for your application to make sure that it is fit for purpose. This information does not express or imply a performance guarantee in any way whatsoever. We remain at your disposal for any further information.

