

PureShrink
POF Shrink Film

Polyolefin multi-layer shrink film biaxially oriented
with content of 30% PIR post-production recyclate



- multi purpose and easy to use
- resilient and flexible
- excellent optical properties
- multipacking strength
- 30% PIR post-production recyclate

Applications: flexible multi purpose shrink film with a wide range of applications, intended for packaging all types of food and industrial products. Good mechanical strength for multipacking, optimum haze and gloss. Transparent color with gloss. A great polyolefin multi-layer shrink film for packaging products on semi-automatic and automatic packaging machines

Product specificity: centerfolded / on request centerfolded HOT perforated – 5 holes per square cm, foil rolls may have one joint

Certification: ISO 9001:2015, EUROFINS Test report of overall & specific Migration & Heavy metal no EFSH25012978-CG-01 from January 13,2025 / REACH GTS no THSD24030555403EN from March 14, 2024 (240 SVHC substances tested)

Food contact: the POF shrink film compliant with (EC) regulations 1935/2004, 1907/2006 REACH, (EU) 10/2011, (EU) 2020/1245, (EU) 2022/1616 (EU) 2024/1390 and 2025/351 related to plastic materials and articles intended to come in contact with foodstuff FRF≤1

Recycling: 100% recyclable, just like conventional polyolefin films. (EU) 2022/1616 Regulation: POF polyolefin multi-layer shrink film processing: shredding into scraps and then into selected granules, marked as PIR post-production recyclate added to the recipe in an amount not less than 30%

Storage: -5°C / +30°C at 80% RH. Product packaging at room temperature. During storage of POF shrink film in low temperatures down to -5°C, min. 48 hours before using the POF shrink film for packing of products, transport pallets / move cartons with shrink film to a room with room temperature for the film to warm up. The same applies to the products to be packaged. Storage the packaged product: any long term storage at room temperature or below: cooling and deep freezing temperatures. Guarantee: 12 months from the date of sale

Disclaimer: the information contained in this technical product data sheet is indicative and comes from the manufacturer. The manufacturer reserves the right to change these data for independent reasons and without notice. Dekofilm Polska sp. z o. o. is not responsible for the data provided by the manufacturer. Declarations of conformity regarding the use of the product or test results in certified laboratories will be attached, if necessary, to the delivery documentation or at your request

PROPERTIES	Unit	Test method	TECHNICAL CHARACTERISTICS			
THICKNESS	μ	PN - ISO 4593	12	15	19	25
DENSITY	g/cm³		0,92			
THICKNESS RANGE AS ABOVE	μ	PN -ISO 4593	PERMISSIBLE LIMIT ±2 μ (for each thickness)			
SHRINKAGE 130°C	%	ASTM D 2732	MD 64 / TD 59	MD 55 / TD 53	MD 45 / TD 50	MD 43 / TD 49
Water vapour permeability WVTR	g*m²*24h	ASTM F 1249-13	30.70	27.30	19.50	19.50
O² Oxygen Transmission Rate	cm³*m²*24h	ASTM F 1249-14	9600.00	8700.00	6200.00	4900.00
GLOSS 45°	%	ASTM D 2457	87	87	84	82
HAZE	%	ASTM D 1003-A	2,1	2,6	3,0	3,8
WELDING TIME 200°C	s		0,2	0,3	0,4	0,5
COEFFICIENT OF FRICTION COF	-	ISO 8295:2005	022 / 022	022 / 022	022 / 021	020 / 020
SEALING STRENGTH	N/mm²	ASTM D 882	MD 32 / TD 32	MD 34 / TD 34	MD 44 / TD 40	MD 48 / TD 48
TENSILE STRENGTH	N/mm²	ASTM D 882	MD 115 / TD 110	MD 110 / TD 105	MD 110 / TD 105	MD 100 / TD 95
ELONGATION AT BREAK	%	ASTM D 882	MD 120/ TD 110	MD 120 / TD 115	MD 120 / TD 110	MD 110 / TD 110
ROLL LENGTH SINGLE WOUND	m		3100	2500	2000	1500
ROLL LENGTH CENTERFOLDED	m		1550	1250	1000	750
ROLL WIDTH	mm		SINGLE WOUND 150 – 1400 (width every 50mm) width tolerance about 10 mm			
			CENTERFOLDED 150 – 1250 (width every 50mm) width tolerance about 10 mm			
CORE / ROLL DIAMETER	mm		(internal) 76,2		(external) 245	

