



BESTPACK
BPX|SOLUTIONS



BOPP HEAT-SEALABLE FILM

BOPP

Premium Packaging Solution for Flow Wrappers & Overwrap Applications

APPLICATIONS

- BAKERY ITEMS
- SNACK FOODS
- CONFECTIONERY
- GENERAL BOX OVERWRAP
- PRINTED FLOW PACKS
- POUCHING AND LAMINATION

Our Biaxially Oriented Polypropylene (BOPP) film is engineered for high-speed packaging environments, offering exceptional clarity, strong seals, and smooth machinability. Whether you're wrapping snacks, bakery items, or general merchandise, this film delivers consistent performance across a wide range of applications.

BOPP SPECIFICATIONS

STANDARD FEATURES INCLUDE

- Two-side heat sealable
- One-side corona treated for excellent printability
- FDA & EU food-contact compliant
- Outstanding clarity and gloss
- Excellent machinability for high-speed flow wrappers
- Reliable seal integrity and dimensional stability
- Available in multiple gauges and widths:
 - 80GA, 120GA, 140GA
- Standard width range: 4.3" to 23.5"
- Roll diameter: 12"



**GET THE MOST OUT
OF YOUR AUTOMATION**
with Your Tape & Shrink Film Purchase

- FREE spare parts
- FREE extended equipment coverage
- plus more to discover!

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Contact us for samples, pricing, or to discuss your application at sales@bestpack.com

TECHNICAL SPECIFICATIONS

TYPICAL PROPERTIES	TEST METHOD	80GA	120GA	140GA
Nominal thickness (micron μm)	Internal	20 μm	30 μm	35 μm
Haze (max)	ASTM D-1003	$\leq 2.5\%$	$\leq 2.6\%$	$\leq 2.6\%$
Gloss (min) at 45° angle	ASTM D-2457	$\geq 85\%$	$\geq 85\%$	$\geq 85\%$
Tensile strength (MD/TD)	ASTM D-882	$\geq 1200 \text{ kg/cm}^2$ (MD) $\geq 2400 \text{ kg/cm}^2$ (TD)	$\geq 1200 \text{ kg/cm}^2$ (MD) $\geq 2400 \text{ kg/cm}^2$ (TD)	$\geq 1200 \text{ kg/cm}^2$ (MD) $\geq 2400 \text{ kg/cm}^2$ (TD)
Elongation (MD/TD)	ASTM D-882	180% (MD) 70% (TD)	180% (MD) 70% (TD)	180% (MD) 70% (TD)
Heat shrinkage (max) (MD/TD)	120C / 5-10 min	$\leq 4.0\%$ (MD) $\leq 2.0\%$ (TD)	$\leq 4.0\%$ (MD) $\leq 2.0\%$ (TD)	$\leq 4.0\%$ (MD) $\leq 2.0\%$ (TD)
Heat seal range / SIT	Internal	105°C (221°F)	105°C (221°F)	105°C (221°F)
Coefficient of friction (max)	ASTM D-1894	≤ 0.30 kinetic UT/UT	≤ 0.30 kinetic UT/UT	≤ 0.30 kinetic UT/UT
Treatment level (min)	ASTM D-2578	≥ 38 dyne/cm	≥ 38 dyne/cm	≥ 38 dyne/cm
Seal strength (min) @ 120°C	Internal	400 gms/25mm	400 gms/25mm	400 gms/25mm
WVTR (max) @ 38°C, 90% RH	ASTM F-1249	$\leq 5.0 \text{ g/m}^2\cdot 24\text{h}$	$\leq 3.5 \text{ g/m}^2\cdot 24\text{h}$	$\leq 3.0 \text{ g/m}^2\cdot 24\text{h}$
OTR (max) @ 23°C, 0% RH	ASTM D-3985	$\leq 1600 \text{ g/m}^2\cdot 24\text{h}$	$\leq 1400 \text{ g/m}^2\cdot 24\text{h}$	$\leq 1350 \text{ g/m}^2\cdot 24\text{h}$

These values are typical properties, not guaranteed specifications. BPX Solutions reserves the right to modify specifications without notice.