

## High Strength Nylon Co-extruded Cook-in Film (COOK)



COOK is a co-extruded nylon film with a metallocene (mPE) sealant layer that provides the heat resistance and superior sealability necessary for cook-in-bag food packaging applications. This barrier film provides low Oxygen and Moisture Vapor Transmission Rates (OTR, MVTR) required to extend product shelf life. In addition, COOK offers good bag clarity and strength.

COOK film is system-matched and guaranteed to run on genuine SidePouch™ baggers and integrated systems.

### User Benefits

- Superior Sealability
- Heat Resistant
- Low OTR and MVTR
- Good Clarity and Strength

### Typical Applications

- Boil-in-Bag Food Packaging
- Microwavable Food Packaging

### Technical Specifications

**Compliances:** FDA 21 CFR 177.1520(c)3.2  
**Press Printing:** No  
**Imprinting:** Yes  
**Trim Seal:** No  
**Mil Thickness:** 3.0  
**Configuration:** SidePouch

#### Performance Data:

	U/M	3.0 mil/ET	ASTM
Haze	%	15	D-1003
Puncture Resistance (Dart)	grams	900	D-1709
Tensile Strength MD	psi	6000	D-882A
Tensile Strength TD	psi	5800	D-882A
Elongation MD	%	450	D-882A
Elongation TD	%	500	D-882A
Elmendorf Tear MD	grams	1300	D-1922
Elmendorf Tear TD	grams	1700	D-1922
OTR	cc/100in <sup>2</sup> /day	<4.0	D-3985
MVTR	g/100in <sup>2</sup> /day	<1.0	F-1249



Above chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect COOK material only. Certain minimum purchase volumes may apply.

MIL  
3.0

COOK

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machines

materials

service

s y s t e m s a d v a n t a g e