



NanoSeal™ PET BARRIER COATED FILM

Product Description: **NS3-PET48**

NanoSeal™ PET is a clear polyester film with one side having gas a barrier coating of NanoSeal™. The coated side can be printed and laminated. NanoSeal™ coated films have been approved for indirect food contact.



PROVISIONAL TECHNICAL DATA SHEET

Typical Properties

Property	Thickness	Value	Units	Test
BARRIER				
Oxygen Permeability - 24 hours	48	0.10 - 0.30	cc/100 in ²	ASTM D1434 77°F/50% RH/1 ATM
WVTR	48	0.90 - 1.00	g/100 in ² /day	ASTM F1249 38°C, 90% RH
PHYSICAL				
Density	48	1.4	g/cc	
Elongation at Break MD	48	110	%	ASTM D822A
Elongation at Break TD	48	90	%	ASTM D822A
Tensile Strength MD	48	32,700	psi	ASTM D822A
Tensile Strength TD	48	34,100	psi	ASTM D822A
Yield (nominal)	48	40,000	in ² /lb	

Preferred Applications

Dry mix ingredients, confections, snacks, nuts, pet food, bakery, coffee, spices

Sales Contact Info

NanoPack Inc.
985 Old Eagle School Rd., Suite 501
Tel: (484)367-7015
Fax: (484)367-7004
sales@nanopackinc.com

Disclaimer

Note: These values are typical performance data for NanoSeal™ barrier coatings on a GENERIC polypropylene film normally used for printing and laminating. We believe this information is the best currently available on the subject. It is subject to revision as additional knowledge and experience is gained. NanoPack Inc. makes no guarantee of results and assumes no obligation or liability whatsoever in connection with this information. This publication is not a license to operate under, or intended to suggest infringement of, any existing patents. Users are advised to determine the safety and suitability of each product or product combination for their own purposes.

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