

WestRock
PolarShield™ Ovenable
Make excess packaging a distant memory.



How do you reduce packaging costs and increase consumer convenience? The solution: WestRock PolarShield™ Ovenable. The equation is simple: replace a multi-part package with a single folded carton. With PolarShield Ovenable, hungry consumers can go from freezer to oven to table. Better yet, it performs equally well in conventional and microwave ovens. Ultimately, PolarShield Ovenable is a perfect marriage of form and function. It provides exceptional aesthetics and superior function. No wonder it is the benchmark for oven-ready packaging.

Region

EMEA (Europe, the Middle East and Africa)

Packaging uses

Frozen Foods
 Retail Foods
 Foodservice

Product Classification

Polymer-Coated
 Solid Bleached Sulfate
 SBS Paperboard
 GZ

What You Can Expect from Us

- Thermal Stability** An extruded barrier polymer, available in a clear option, enables performance from -40°F (-40°C) to 428°F (220°C).
 - Moisture Resistance** Engineered to withstand the demands of frozen food environments. Maintains integrity throughout the cyclical conditions of the cold distribution chain.
 - Product Uniformity** A smooth surface delivers outstanding ink holdout and best-in-class printing consistency. Polymer coat-weight uniformity offers improved efficiencies and maximum throughput on high-speed forming and filling equipment.
 - Single Package Solution** Delivers savings and source reduction over alternatives that require outer cartons or wraps. The result is a cost-efficient packaging solution with an improved sustainability profile.
 - Heat Sealability** Outstanding heat-sealing performance across a range of technologies, including hot air, platen and microwave. This means you can expect improved efficiency and ultimate flexibility.
- Additional Product Information**
- Chain of Custody** 100% PEFC™ Certified - BV/CDC/0575784
 - Food Contact** Meets multiple national requirements for food contact packaging, e.g., US, Canada and the EU. Contact your sales representative for information on specific markets and end uses. Kosher documentation available.
 - Quality** Produced at an ISO 9001 certified facility.
 - Environmental and Safety** Notices under US California Proposition 65 and the EU REACH regulation are not required. Elemental chlorine free (ECF) bleached fibre. Meets heavy metal limits of the US Model Toxics in Packaging rules and Article 11 of EU Directive 94/62/EC.



Grade Availability (EMEA) & Typical Properties

PolarShield™ Ovenable

Grade Availability					Units	Method	Tolerance	
Nominal Basis Weight	265	296	324	345	gsm	T-410		
Caliper (pts)	0.014	0.016	0.018	0.020	inches	T-411	+/- .001	
Thickness	356	406	457	508	microns	T-411	+/-25.4	
Moisture	5.3	6.2	6.2	6.2	percent	T-412		
Internal Bond	147	147	147	158	J/m ²	T-569		
Stiffness								
Taber 15°	MD	11.8	16.7	21.6	27.5	mNm	T-489	+/- 15%
	CD	5.9	9.3	11.8	15.2	mNm	T-489	+/- 15%
Coated Side								
GE Brightness	86	86	86	86	percent	T-452		
Parker Print	1.0	1.2	1.2	1.2	µm	T-555		
ZDT	324	310	276	276	kPa	T-541		
Colour								
Hunter	L	93	93	93	93	L-a-b	T-524	
	a	-0.8	-0.8	-0.8	-0.8	L-a-b	T-524	
	b	1.5	1.5	1.5	1.5	L-a-b	T-524	

Values are for basestock only; for nominal basis weight including polymer, add 40 gsm (clear).

Values are subject to change without notice.

For more information, please contact your WestRock representative or visit our website at westrock.com.

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