

Printkote® Ovenable

PAPERBOARD

PACKAGING USES

Food
Food Service

Eliminate the expense of excess packaging with one versatile container. Printkote Ovenable makes it possible to go from the freezer shelf to the conventional or microwave oven and then to the table. Polyester-coated on one side, and available in clear or black finish, Printkote Ovenable provides exceptional aesthetic and functional qualities combined with consistent performance make this product the benchmark for ovenable packaging applications.

FEATURES

Thermal Stability

Moisture Resistance

Product Uniformity

Unitized Platform

Heat Sealability

CERTIFICATIONS

Manufacturing

Forestry and Procurement

Chain of Custody

Food Contact

Environmental and Safety

CLASSIFICATIONS

Product Type

Mill

Converting

BENEFITS

Printkote Ovenable is extruded with a barrier polymer (available in both clear and black) that is engineered to perform from -40°F (-40°C) to 400°F (204°C). The ability to go from the freezer to the oven in a single container makes this a very durable and efficient product.

Engineered to withstand the demands of the frozen food environment allowing it to maintain integrity throughout the cyclical conditions of the cold chain.

Smooth surface, outstanding ink holdout and best-in-class consistency for optimal printability. Polymer coat-weight uniformity offers improved efficiencies and maximum throughput on high-speed forming and filling equipment.

Printkote Ovenable offers 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.

Outstanding heat sealability across a range of sealing technology including hot air, platen and microwave for improved efficiencies and ultimate flexibility.

ISO 9001:2008

SFI Standards for Land Management and Wood Procurement (PEFC Endorsed)

SFI Chain of Custody Certified: BV-SFICOC-US08000163
PEFC Chain of Custody Certification: Specific by Application. Contact MWV for Details.

USFDA 21 CFR §176.170 - Contact with Aqueous & Fatty Foods (without restriction)
USFDA 21 CFR §176.180 - Components of Paper and Paperboard in Contact with Dry Food (without restriction)
USFDA 21 CFR 175.300 Resinous & Polymeric coatings
ISEGA Certificate of Conformity / BfR and EC No 1935/2004
Acceptable for use with Kosher Foods

US California Proposition 65 Compliant
CONEG Model Heavy Metal and EC/94/62 Article II Compliant
ASTM F 963-95 Toy Safety, EN 71-3 European Toy Safety Compliant
Elemental Chlorine Free (ECF) Bleached Fiber
RoHS Compliant

Polymer-coated, Solid Bleached Sulfate, SBS Paperboard

Covington, Virginia, U.S.A.

Low Moor, Virginia, U.S.A.

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Grade Availability & Typical Properties (US)

Grade Availability by Caliper							Units	Method
Caliper (pts)		0.014	0.016	0.018	0.020	0.022	inches	T-411
Nominal Basis Weight		163	182	199	212	233	lb/3000 sq. ft	T-410
Moisture		5.3	6.2	6.2	6.2	6.2	percent	T-412
Internal Bond		70	70	70	75	80	1/1000 ft-lb	T-833
Stiffness								
Taber 15°	MD	135	180	235	300	385	gcm	T-489
	CD	65	100	130	165	205	gcm	T-489
Coated Side								
GE Brightness		86	86	86	86	86	percent	T-452
Gloss		50	48	48	45	45	percent	T-480
Parker Print		1.0	1.2	1.2	1.2	1.2	PPS	T-555
ZDT		47	45	40	40	40	psi	T-541
Color								
	L	93	93	93	93	93	L-a-b	T-524
Hunter	a	-0.8	-0.8	-0.8	-0.8	-0.8	L-a-b	T-524
	b	1.8	1.8	1.8	1.8	1.8	L-a-b	T-524

Values are for base stock only; for nominal basis weight including polymer, add 21 lbs/3000 sq. ft (clear) and 24 lbs/3000 sq. ft. (black).

Grade Availability & Typical Properties (Metric)

Grade Availability by Weight							Units	Method
Nominal Basis Weight		265	296	324	345	379	gsm	T-410
Thickness		356	406	457	508	559	microns	T-411
Moisture		5.3	6.2	6.2	6.2	6.2	percent	T-412
Internal Bond		147	147	147	158	168	kJ/m2	T-833
Stiffness								
Taber 15°	MD	13.2	17.7	23.0	29.4	37.8	mNm	T-489
	CD	6.4	9.8	12.7	16.2	20.1	mNm	T-489
Coated Side								
GE Brightness		86	86	86	86	86	percent	T-452
Gloss		50	48	48	45	45	percent	T-480
Parker Print		1.0	1.2	1.2	1.2	1.2	PPS	T-555
ZDT		324	310	276	276	276	kPa	T-541
Color								
	L	93	93	93	93	93	L-a-b	T-524
Hunter	a	-0.8	-0.8	-0.8	-0.8	-0.8	L-a-b	T-524
	b	1.8	1.8	1.8	1.8	1.8	L-a-b	T-524

Values are for base stock only; for nominal basis weight including polymer, add 35 gsm (clear) and 40 gsm (black). Stiffness values shown represent measurements at the time of manufacture; field measurements are typically 3-5% higher.



For more information, please contact your MWV representative, or visit our website at www.mwv.com.

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