

Printkote® HMR

PAPERBOARD

PACKAGING USES

Frozen Food
Refrigerated Food

Printkote HMR (High Moisture Resistance) offers exceptional moisture resistance for packaging that needs to endure the rigor of multiple freeze-thaw cycles throughout the cold chain. It provides a reliable solution for applications like seafood packaging, which operate in an extremely challenging environment. A bright white, glossy coated side combined with a smooth, uncoated back ensure consistency on the printing press, in filling lines and in high-speed converting operations.

FEATURES

Moisture Resistance

BENEFITS

Outstanding moisture resistance and wet durability make Printkote HMR ideal for frozen and refrigerated packaging applications. It is the ultimate solution for products that will be subject to freeze-thaw cycles while maintaining structural integrity of the package. High edge-wicking properties reduce damage and minimize lost revenue due to unsaleable goods.

Superior Quality

Printkote HMR is engineered to outperform competitive substrates in difficult environments. The results are reduced waste of food product and packaging, improved operational efficiencies and bolstered profits.

Surface Uniformity

Smooth surface, outstanding ink holdout and best-in-class uniformity optimize runnability on converting and filling equipment. Excellent printability results in dramatic visual quality enhanced by efficient operations and maximized throughput.

Environmentally Responsible

The use of renewable and recyclable natural fibers combined with SFI and PEFC chain of custody certification make Printkote HMR an environmentally responsible option for frozen and refrigerated food packaging applications.

CERTIFICATIONS

Manufacturing

ISO 9001:2008

Forestry and Procurement

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

Chain of Custody

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

Food Contact

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)
CPSC 16 CFR 1303 Lead Ban Compliant
ISEGA Certificate of Conformity / BFR EC No. 1935/2044
Acceptable for use with Kosher Foods

Environmental and Safety

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

CLASSIFICATIONS

Product Type

Polymer-Coated, Solid Bleached Sulfate, SBS Paperboard

Mill

Chovington, Virginia, U.S.A.

Converting

Low Moor, Virginia, U.S.A.



Printkote® HMR

PAPERBOARD

Grade Availability by Caliper				Units	Method
Caliper (pts)	0.016	0.018		inches	T-411
Nominal Basis Weight	182	199		lb/3000 sq. ft.	T-410
Moisture	5.6	5.6		percent	T-412
Internal Bond	70	70		1/1000 ft-lb	T-833
Stiffness					
Taber 15°	MD	180	235	gcm	T-489
	CD	100	130	gcm	T-489
Coated Side					
GE Brightness	86	86		percent	T-452
Gloss	45	45		percent	T-480
Parker Print	1.2	1.2		PPS	T-555
ZDT	40	40		psi	T-541
Color					
Hunter	L	93	93	L-a-b	T-524
	a	-0.8	-0.8	L-a-b	T-524
	b	1.8	1.8	L-a-b	T-524

Values are for base stock only; for nominal basis weight, add 22 lbs/ream or 3000 sq. ft.

Grade Availability by Weight				Units	Method
Nominal Basis Weight	296	324		gsm	T-410
Thickness	406	457		microns	T-411
Moisture	5.6	5.6		percent	T-412
Internal Bond	147	147		J/m2	T-833
Stiffness					
Taber 15°	MD	17.7	23.0	mNm	T-489
	CD	9.8	12.7	mNm	T-489
Coated Side					
GE Brightness	86	86		percent	T-452
Gloss	45	45		percent	T-480
Parker Print	1.2	1.2		PPS	T-555
ZDT	276	276		kPa	T-541
Color					
Hunter	L	93	93	L-a-b	T-524
	a	-0.8	-0.8	L-a-b	T-524
	b	1.8	1.8	L-a-b	T-524

Values are for base stock only; for nominal basis weight, add 35 gsm
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.

The information contained in this Product Guide is accurate to the best of MWV's knowledge and belief. It is intended, however, only as an introduction to the typical properties of the product. MWV disclaims any guarantee or warranty with respect to the accuracy of this information or, based on this document, with respect to the suitability of the product for any particular use, including, but not limited to, the compliance of the product with laws, regulations, or standards. © 2010 MeadWestvaco Corporation. MeadWestvaco and Printkote are registered trademarks of MeadWestvaco Corporation. All rights reserved worldwide.

