

MWare® Frozen Cup

Need ice cream packaging with sweet features? Come right this way.



Meet MWare® Frozen Cup. This clay-coated paperboard cupstock features a strong, poly coating that delivers exceptional moisture resistance. It is crafted and designed to meet the unique requirements of ice cream packaging applications. Inherent strength properties enable this MWare variety to stand up to the rigor of multiple cold chain freeze-thaw cycles.

Packaging uses

Retail Ice Cream
Cups, Tubs, and
Scrounds
Foodservice Ice
Cream Cups

Product Classification

Polymer-Coated
Solid Bleached
Sulfate
SBS Paperboard

What You Can Expect from Us

- Moisture Resistance** Poly two-sided coating provides exceptional moisture resistance throughout all freeze-thaw cycles.
- Fade Resistance** Contains no Optical Brightening Agents (OBA), so fading risks are minimized.
- Smooth Printability** A clay-coated base provides a smooth surface to maximize printability and promote high graphic standards.
- Compliance** Meets or exceeds strict global food standards.
- Superior Runnability** You can expect outstanding product uniformity and consistent graphics. Both of which help you optimize productivity and reduce waste.
- Clean Cup Forming** Seams stay clean and tight, while rims are smooth with no cracking or tears.

Additional Product Information

- Sustainability** All WestRock North American paperboard mills are certified to the SFI®, PEFC™, FSC™ Chain of Custody Standards. Contact your WestRock sales representative for certified fiber availability for this product.
- Food Contact** Meets multiple national requirements for food contact packaging, e.g., US, Canada, Germany and the EU. Contact your sales representative for information on specific markets and end uses.
ISEGA Certificate available.
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 fiber.
Meets heavy metal limits of the US Model Toxics in Packaging rules and Article 11 of EU Directive 94/62/EC.

Grade Availability & Typical Properties (U.S.)

MWare® Frozen Cup

Grade Availability by Caliper							Units	Method	
Caliper (pts)	0.014	0.015	0.016	0.017	0.018	0.020	inches	T-411	
Nominal Basis Weight	163	172	182	187	199	212	lbs/3000 sq ft	T-410	
Moisture	6.5	6.5	6.5	6.5	6.5	6.5	percent	T-412	
Internal Bond	75	75	75	75	75	75	.001 ft-lb/sq in	T-569	
ZDT	50	50	50	50	50	50	psi	T-541	
Tear Average	250	260	275	275	285	295	grams	T-414	
Stretch									
L&W	MD	2.0	2.0	2.0	2.0	2.0	2.0	percent	T-494
	CD	4.5	4.5	4.5	4.5	4.5	4.5	percent	T-494
Stiffness									
Taber 15°	MD	125	130	160	175	205	270	gf-cm	T-489
	CD	70	75	90	95	110	150	gf-cm	T-489
Coated Side									
GE Brightness	86	86	86	86	86	86	percent	T-452	
Color									
Hunter	L	93	93	93	93	93	93	L-a-b	T-524
	a	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	L-a-b	T-524
	b	1.5	1.5	1.5	1.5	1.5	1.5	L-a-b	T-524

Values are for basestock only. A variety of polymer structures and thicknesses are available.

Grade Availability & Typical Properties (Metric)

Grade Availability by Weight							Units	Method	
Thickness	356	381	406	432	457	508	microns	T-411	
Nominal Basis Weight	265	280	296	304	324	345	gsm	T-410	
Moisture	6.5	6.5	6.5	6.5	6.5	6.5	percent	T-412	
Internal Bond	158	158	158	158	158	158	J/m ²	T-569	
ZDT	344	344	344	344	344	344	kPa	T-541	
Tear Average	250	260	275	275	285	295	grams	T-414	
Stretch									
L&W	MD	2.0	2.0	2.0	2.0	2.0	2.0	percent	T-494
	CD	4.5	4.5	4.5	4.5	4.5	4.5	percent	T-494
Stiffness									
Taber 15°	MD	12.3	12.7	15.7	17.2	20.1	26.5	mNm	T-489
	CD	6.9	7.4	8.8	9.3	10.8	14.7	mNm	T-489
Coated Side									
GE Brightness	86	86	86	86	86	86	percent	T-452	
Color									
Hunter	L	93	93	93	93	93	93	L-a-b	T-524
	a	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	L-a-b	T-524
	b	1.5	1.5	1.5	1.5	1.5	1.5	L-a-b	T-524

Values are for basestock only. A variety of polymer structures and thicknesses are available.

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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Certificate Codes: SFI Certified Sourcing: NSF-SFI-CS-6S751, SFI CoC: NSF-SFICOC-6S751, PEFC: NSF-PEFCCOC-6S751, FSC Company Code: FSC-C104002

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