

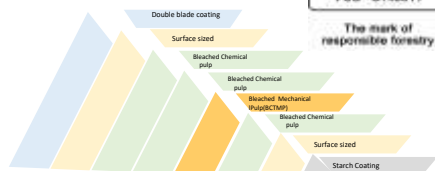
Graphical & Cartonboard from WL Coller

Omega Plus High White (GC1) HS

A Double Blade Coated, high white, multi layered white back folding boxboard with a coated reverse.
Excellent surface properties coupled with a high white appearance makes Omega Plus ideal for a multitude of both Packaging & Graphical end use applications.

Printing Processes: Suitable for all types of printing, varnish & film lamination

End use Applications: High-end packaging applications, ideal for folding cartons, Pharmaceutical, cosmetic & Luxury Packaging, Greeting Card & all types of Graphical end uses.



Test conditions - Temperature 23°C ± 1° 50% relative humidity ± 2% (Tappi 402)

All Properties are measured as per the relevant Tappi / ISO standard and as per CPP lakua measurements.

Property	Unit	Standard		Target value								
				SAMPLE								
Thickness	µm	Microns		368	400	448	480	512	544	576	640	± 4.0%
Basis Weight	g/m ²	GSM		230	250	280	300	320	340	360	400	± 3.0%
Bending Moment Taber 15° MD	mNm	ISO 2493		9.5	12.8	18.7	24.2	28.0	33.8	38.2	46.4	
Bending Moment Taber 15° CD	mNm	ISO 2493		4.8	6.4	9.4	12.1	14.0	16.9	19.1	23.2	
Bending Resistance	L&W	T556	MD	197	265	387	500	580	700	790	960	± 15.0%
Bending Resistance	L&W	T557	CD	99	133	194	250	290	350	395	480	± 15.0%
Gloss at 75° Top	%	T480		40								± 2.0%
CIE Whiteness Top	%	ISO 11475		120.0								
ISO Brightness	% Top	ISO 2470		89								± 2.0%
Roughness PPS Avg Top	µ	T555		190 - 250 g/m ²								1.3 ± 0.2%
Roughness PPS Avg Top	µ	T555		250 g/m ² +								1.5 ± 0.2%
Cobb - 60 Top	g/m ²	T441		30								± 5.0%
Cobb - 60 Back	g/m ²	T441		35								± 5.0%
Scott Ply-Bond	j/m ²	T569		≥ 150								
Surface Strength	m/s	ISO3782		1								± 0.2%
Moisture Content	%	T412		≤300								7.0 ± 1.0
Moisture Content	%	T412		≥ 301								8.0 ± 1.0

Additional Mill Weights

Thickness	µm	Microns		304	320	336	352	416	432	456	464	± 4.0%
Basis Weight	g/m ²	GSM		190	200	210	220	260	270	285	290	± 3.0%
Thickness	µm	Microns		528	560	640						± 4.0%
Basis Weight	g/m ²	GSM		330	350	400						± 3.0%

Initial Stock Range

Thickness	µm	ISO 534		368	400	448	480	512	544	576	640	
Basis Weight	g/m ²	ISO 536		230	250	280	300	320	340	360	400	
Size (mm)		450 x 640 mm				✓	✓	✓	✓	✓	✓	✓ = UK holding stock
		520 x 720 mm		✓	✓	✓	✓	✓	✓	✓	✓	
		640 x 900 mm				✓	✓			✓		
		900 x 640 mm			✓	✓	✓	✓	✓	✓	✓	
		720 x 1020 mm		✓	✓		✓	✓	✓	✓	✓	
		1020 x 720 mm			✓	✓						

Certification & Compliances

Manufacturing, Environment & Safety	ISO 9001, ISO 14001 & OHSAS 18001
Regulatory	REACH, FDA
Food Contact	US FDA 21 CFR 176.170



OMEGA PLUS
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