

FORMAKOTE™ SHERPA

SPECIFICATION SHEET NOVEMBER 2024

COATED ONE SIDE, WET-STRENGTH KRAFT-BACKED CARRIER BOARD

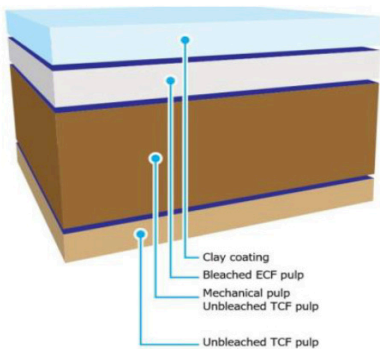
Formakote™ Sherpa is a three-ply carrier board that provides structural strength in damp chiller environments and delivers great printability at a cost-effective price point. A sturdy wet-strength board, suitable for a wide range of applications across the beverage, dairy, ready to eat meals, and seafood markets.

Application Ideas:

- FMCG - freezer, chiller cartons and sleeves
- Beverage - glass bottle multipacks (up to 15 x 330 ml), twin stack can packs
- Seafood - wet fish, shellfish, scampi, prawns

Our products are tested for food safety against conditions of use that should not be assumed to include the above-listed applications. To ensure we are providing the correct product with the correct product safety, we must know the intended final use.

Please contact us with this information before using our product for any application.



Structure:

- 3-ply board structure for yield and stiffness
- Double coated top side
- Uncoated kraft reverse side

Printability:

- Suitable for sheet fed, offset, digital and flexo printing
- Complex graphics

Tear Resistance:

- Designed to resist tearing, even on stress concentrators such as handles or holes
- Designed for heavy multi-packs, especially products such as canned products or bottled beverages
- Tear resistance in wet and humid conditions

Ordering:

- Minimum order size may apply
- Deckle surcharge may apply
- Call your customer service representative for assistance

Product Safety:

- GMP as per EC 2023/2006
- Uses only virgin pulp fibres
- Free of optical brightening agents

Specific compliance details are available in our product safety statements and must be carefully read.



**EXCELLENCE
IN BOARD,
EVERY DAY**

For further specification and samples email customerservice@wml.biz or phone WML sales on +64 7 306 3840

FORMAKOTE™ SHERPA SPECIFICATION

THICKNESS	GRAMMAGE	BENDING RESISTANCE L & W (15°)		DRY TEAR ELMENDORF		WET TEAR ELMENDORF		MOISTURE
METRIC								
µm	g/m ²	MD mN	CD mN	MD mN	CD mN	MD mN	CD mN	%
400	291	368	144	4400	5300	3080	3710	6.5-10.5
450	326	505	198	5000	6000	3400	4200	6.5-10.5
500	358	691	272	5600	6500	3900	4500	6.5-10.5
550	390	831	327	6100	7200	4300	5000	6.5-10.5
600	428	1114	438	6700	7900	4740	5500	6.5-10.5
630	445	1194	469	7100	8200	5000	5800	6.5-10.5
THICKNESS	GRAMMAGE	BENDING MOMENT TABER (15°)		DRY TEAR ELMENDORF		WET TEAR ELMENDORF		MOISTURE
IMPERIAL								
PT	lbs/MSF	MD gf-cm	CD gf-cm	MD gf	CD gf	MD gf	CD gf	%
15.7	60	181	71	449	540	315	378	6.5-10.5
17.7	67	249	98	510	612	347	428	6.5-10.5
19.7	73	340	134	571	663	398	459	6.5-10.5
21.7	80	409	161	622	734	438	510	6.5-10.5
23.6	88	549	216	683	806	483	561	6.5-10.5
24.8	91	588	231	724	836	510	591	6.5-10.5

PRINTING SURFACE PROPERTIES	
IGT Blister Velocity (medium viscosity oil)	1.2 m/s
IGT Pick Velocity (medium viscosity oil)	1.2 m/s
ISO Brightness	77 %
PPS Roughness (10 kgf)	2.1 µm

OTHER PROPERTIES	
Scott Plybond	175 J/m ² 83.3 ft.lb/1000 in ²
Cobb (30 min) - Top Liner	100 g/m ²
Cobb (30 min) - Back Liner	100 g/m ²

TOLERANCES	
Thickness	±25 µm ±0.001 inch
Grammage	±5 %
Bending Resistance	-20 %
ISO Brightness	±2 brightness units
PPS Roughness (10 kgf)	Max 2.8 µm
Scott Plybond	-20 %
Cobb (30 min) - Top Liner	+50 g/m ²
Cobb (30 min) - Back Liner	+50 g/m ²
Wet & Dry Tear	-20 %
IGT Pick/Blister	≥0.6 m/s

Whakatane Mill Ltd certified systems:

- Food Safety System Certification (FSSC) 22000
- ISO 9001 Quality Management System
- ISO 14001 Environmental Management System
- FSC Chain-of-Custody;
FSC Licence Code FSC® C010438

Notes:

These property mean values and limits are the manufacturing standards applied by Whakatane Mill and relate to machine roll tests carried out according to Appita (NZS/AS 1301).

All paperboard exhibits loss in stiffness and plybond caused by routine physical actions in converting (i.e. decurling, wrapping cylinders or passing through nips during printing etc.).



For further specification and samples email customerservice@wml.biz or phone WML sales on +64 7 306 3840