

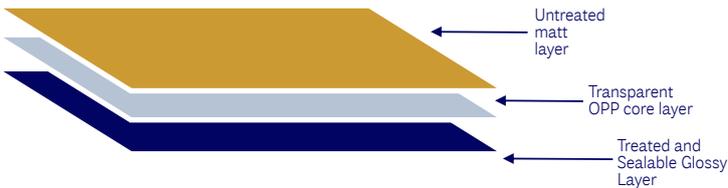


**TPPPL - BHS - MT**

# **DATA SHEET**

[www.tempopackaging.com](http://www.tempopackaging.com)

# BHS - MT



## Typical Applications (can be used as single web or laminate structure)

Lamination of printed paper boards, posters  
 Carton box  
 Maps  
 Magazines  
 Folios'  
 Book covers  
 Certificates and important documents etc.

## Product Description

TPPPL - BHS - MT is transparent, one side matt surface and other side glossy surface, sealable corona treated. Glossy side is specifically designed for very high anchorage radiation, curable printing and lamination processes.

## Key Features

- Excellent matty appearance
- Excellent contact clarity
- Good slip and anti-static properties
- Excellent anchorage with ink and adhesives
- Excellent wetting tension
- Excellent machinability
- Suitable for various lamination machines

## TECHNICAL SPECIFICATION

Properties	Unit	Method	Typical Values (BHS-MT)						
<b>Physical Properties</b>									
Nominal Thickness	μ	TPPPL	15	18	20	25	30	35	40
Grammage	gm/m <sup>2</sup>	TPPPL	13.0	15.6	17.3	21.6	26.0	30.3	34.6
Density	Gm/cc	TPPPL	0.865						
Yield	m <sup>2</sup> /kg	TPPPL	76.9	64.1	57.8	46.3	38.5	33.0	28.9
<b>Optical Properties</b>									
Haze (Max)	%	ASTM D 1003	75						
Gloss @ 45° (Min) Matt Gloss	-	ASTM D 2457	10						
			50						
<b>Surface Properties</b>									
Wetting Tension (Min)	Dyne/cm	ASTM D 2578	40						
Dynamic Coefficient of Friction (NT/NT)	-	ASTM D 1894	0.40						
<b>Mechanical Properties</b>									
Tensile Strength (at Break) (Min)	N/mm <sup>2</sup>	ASTM D 882 MD TD	130						
			250						
Elongation (at Break) (Max)	%	ASTM D 882 MD TD	160						
			50						
Elastic Modulus (Min)	N/mm <sup>2</sup>	ASTM D 882 MD TD	1600						
			2600						
<b>Thermal Properties</b>									
Shrinkage@120°C 5 Minutes air (Max)	%	TPPPL MD TD	4.0						
			2.0						
<b>Barrier Properties</b>									
WVTR @ 38°C, 90% RH	Gm/m <sup>2</sup> /24h	ASTM F 1249	10	9.5	9.0	8.5	7.5	7.0	6.0

MD- Machine Direction, TD- Transverse Direction, NT- Non-Treated, RH- Relative Humidity, TPPPL- Tempo Paper Pulp & Packaging Ltd.

# BHS - MT

## Corona Treatment Indication

TPPPL – BHS-MT can be supplied either with treatment on both sides (TB). This must be agreed with our sales representative before processing the order.

## Roll Size Availability

Film Type	Standard Length (m)	2 x Std. Length	4 x Std. Length	6 x Std. Length	8 x Std. Length
BHS-MT 15	4250	8500	17000	25500	34000
BHS-MT 18	3550	7100	14200	21300	28400
BHS-MT 20	3200	6400	12800	19200	25600
BHS-MT 25	2550	5100	10200	15300	20400
BHS-MT 30	2100	4200	8400	12600	16800
BHS-MT 35	1800	3600	7200	10800	14400
BHS-MT 40	1600	3200	6400	9600	12800

## Corresponding Roll's Outer Diameter

Core ID 76 mm	305 mm	419 mm	588 mm	716 mm	825 mm
Core ID 152 mm	337 mm	444 mm	605 mm	730 mm	838 mm

\*For availability of roll sizes (multiples of standard length) please refer to the Sales Representative

## Legal Statement

Contact your Tempo Customer Service Representative /Sales Representative for potential food contact application compliance (e.g. FDA, NAFDAC) & MSDS. This product is not intended for use in medical applications and should not be used in any such applications. The figures and data provided in this datasheet are consistent with the current state of our knowledge and are intended to provide general information about our products and their applications. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

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