

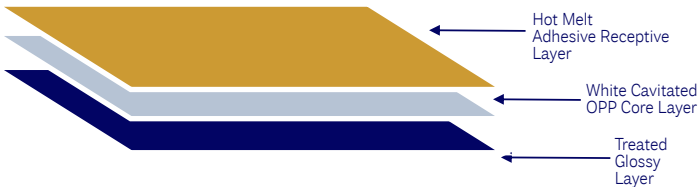


TPPPL - PHS - WL

DATA SHEET

www.tempopackaging.com

PHS - WL



Typical Applications (can be used as reel fed wrap around labels)

Beverages (Alcoholic, carbonated, mineral water)
 Dairy products
 health and beauty care
 Household and detergents
 Miscellaneous industrial applications

Product Description

TPPPL - PHS - WL is super white cavitated high gloss, high yield, corona treated designed for use in reel-fed wrap-around labelling applications where superior graphics are desired. It is also designed for optimized performance on the most demanding machines & superior graphics.

Key Features

- Outstanding opacity & whiteness
- Brilliant pearlescent white appearance
- High surface gloss
- Good mechanical properties & stiffness
- High tear & split resistance
- High slip on untreated side
- Excellent wetting tension
- High yield due to low density

TECHNICAL SPECIFICATION

Properties	Unit	Method	Typical Values (PHS-WL)		
Physical Properties					
Nominal Thickness	μ	TPPPL	35	38	40
Grammage	gm/m ²	TPPPL	24.50	26.60	28.0
Density	Gm/cc	TPPPL	0.70		
Yield	m ² /kg	TPPPL	40.82	39.13	35.71
Optical Properties					
Opacity (Min)	%	DIN	75		
Gloss @ 45° (Min)	-	ASTM D 2457	55		
Surface Properties					
Wetting Tension (Min)	Dyne/cm	ASTM D 2578	38		
Dynamic Coefficient of Friction (NT/NT)	-	ASTM D 1894	0.30		
Mechanical Properties					
Tensile Strength (at Break) (Min)	N/mm ²	ASTM D 882 MD TD	70 150		
Elongation (at Break) (Max)	%	ASTM D 882 MD TD	130 40		
Elastic Modulus (Min)	N/mm ²	ASTM D 882 MD TD	800 1800		
Thermal Properties					
Shrinkage@120°C 5 Minutes air (Max)	%	TPPPL MD TD	4.0 2.0		

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

PHS - WL

Corona Treatment Indication

TPPPL – PHS- WL can be supplied either with treatment on the inside surface (TI) Outside surface (TO) or treated 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
PHS-WL 35	1850	3700	7400	11100	14800
PHS-WL 38	1700	3400	6800	10200	13600
PHS-WL 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.

For technical enquiries, please contact:

Sandeep Kumar, Q.A. Manager

| sandeep.kumar@tempong.com

| 07045745029

Factory & Sales Office:
Tempo Paper Pulp & Packaging Ltd.
Klm5, Idiroko Road, Behind General Hospital
Ota, Ogun State, Nigeria.
info@tempong.com
