

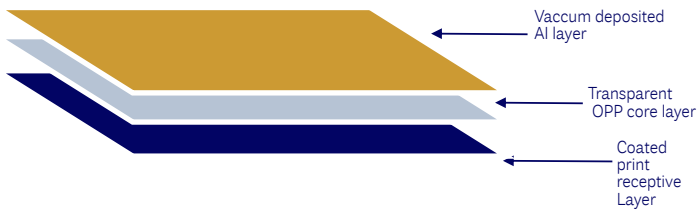


TPPPL - MHS - PS

DATA SHEET

www.tempopackaging.com

MHS - PS



Typical Applications

- For label stock conversion
- For pressure sensitive label for beverages, pharmaceutical, health and beauty application

Product Description

TPPPL - MHS - PS is one side metallised with high purity aluminium & other side coated for print receptivity.

Key Features

- High purity aluminium adhesion by vacuum process
- Excellent machinability
- Wide compatibility with ink system (UV, water based and solvent based)
- Good optical density
- Good dimensional stability

TECHNICAL SPECIFICATION

| Properties | Unit | Method | Typical Values (MHS-PS) | |
|---|--------------------|---------------------|-------------------------|-------|
| Physical Properties | | | | |
| Nominal Thickness | μ | TPPPL | 35 | 40 |
| Grammage | gm/m ² | TPPPL | 31.85 | 36.4 |
| Density | Gm/cc | TPPPL | 0.905 - 0.91 0 | |
| Yield | m ² /kg | TPPPL | 31.57 | 27.62 |
| Optical Properties | | | | |
| Optical Density(min) | - | TPPPL | 2.2 | |
| Surface Properties | | | | |
| Wetting Tension (Min) | Dyne/cm | ASTM D 2578 | 40 | |
| 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 | 140 270 | |
| Elongation (at Break) (Max) | % | ASTM D 882 MD TD | 180 50 | |
| Elasticity Modulus(m) | N/mm ² | ASTM D 882 MD TD | 1700 2800 | |
| 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.

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Corona Treatment Indication

TPPPL – MHS-PS can be supplied either with treatment on the inside surface (TI) Outside Surface (TO). 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 |
|-----------|---------------------|-----------------|-----------------|-----------------|-----------------|
| MHS-PS 35 | 1800 | 3600 | 7200 | 10800 | 14400 |
| MHS-PS 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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