

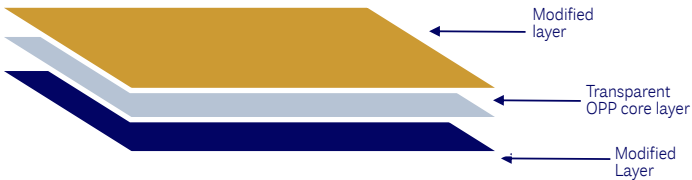


TPPPL - NHS - RF

DATA SHEET

www.tempopackaging.com

NHS - RF



Typical Applications

High pressure lamination
Decorative lamination

Product Description

TPPPL - NHS - RF is transparent, co-extruded, non-heat sealable, non treated BOPP film.

Key Features

- Outstanding optical properties
- Good mechanical properties
- Good release properties
- Good surface smoothness

TECHNICAL SPECIFICATION

Properties	Unit	Method	Typical Values (NHS-RF)					
Physical Properties								
Nominal Thickness	μ	TPPPL	15	18	20	23	25	30
Grammage	gm/m ²	TPPPL	13.7	16.4	18.2	20.9	22.8	27.3
Density	Gm/cc	TPPPL	0.905 - 0.910					
Yield	m ² /kg	TPPPL	73.3	61.0	54.9	47.8	44.0	36.6
Optical Properties								
Haze (Max)	%	ASTM D 1003	1.5-2.0					
Gloss @ 45° (Min)	-	ASTM D 2457	85					
Surface Properties								
Dynamic Coefficient of Friction (NT/NT)	-	ASTM D 1894	0.30-0.40					
Mechanical Properties								
Tensile Strength (at Break) (Min)	N/mm ²	ASTM D 882 MD TD	140 280					
Elongation (at Break) (Max)	%	ASTM D 882 MD TD	180 50					
Elastic Modulus (Min)	N/mm ²	ASTM D 882 MD TD	1800 3000					
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.

NHS - RF

Roll Size Availability

Film Type	Standard Length (m)	2 x Std. Length	4 x Std. Length	6 x Std. Length	8 x Std. Length
NHS-RF 15	4250	8500	17000	25500	34000
NHS-RF 18	3550	7100	14200	21300	28400
NHS-RF 20	3200	6400	12800	19200	25600
NHS-RF 23	2800	5600	11200	16800	22400
NHS-RF 25	2550	5100	10200	15300	20400
NHS-RF 30	2100	4200	8400	12600	16800

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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