

NND

Non Sealable Transparent Film

Applications

Coldseal release film for high gloss lamination.

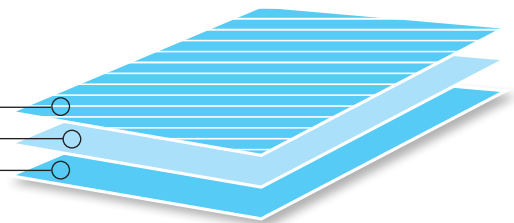
Description

NND is a high gloss, non heat sealable, one side treated, transparent OPP film. The film is used as release film in coldseal applications.

Product features

- Excellent transparency and gloss
- Non heat sealable
- NND can be laminated and printed
- Good antistatic properties

Gloss layer, treated
Transparent layer
Release layer, glossy



Technical Data (Typical Value)

Properties	NND 20	NND 25	Unit	Measuring method
Unit weight	18.2	22.8	g/m ²	ISO 4591
Average yield	54.9	44.0	m ² /kg	ISO 4591
Haze	1.7	1.9	%	ASTM D 1003
Gloss				
At 20° (treated side)	120	120	gloss unit	ISO 2813
Coefficient of friction				
Film/film, dynamic	0.4	0.4	-	ISO 8295
* Surface tension treated side	≥ 36	≥ 36	mN/m	ISO 8296
Tensile strength				
Machine direction	130	130	N/mm ²	ISO 527
Transverse direction	300	300	N/mm ²	ISO 527
Elongation at break				
Machine direction	170	170	%	ISO 527
Transverse direction	45	45	%	ISO 527
Water vapour permeability				
23°C / 85% r.h.	1.4	1.1	g/m ² /d	ASTM F 1249
38°C / 90% r.h.	6.8	5.5	g/m ² /d	ASTM F 1249

* within 6 months after production

Availability

Dimensions	NND 20	NND 25	Unit
Reel length			
Standard length (6-times)	21 000	16 800	m
Max. reel outside diameter			
Core diameter 152 mm	775	774	mm

Max. reel width: 2000 mm (widths > 2000 mm on request)

Storage

The reels should be kept in their original packaging until used. It is recommended that films are stored below 30°C in order to minimize deterioration of film properties. All films should be allowed to reach operation room temperature for 24 hours before use.
* The treatment level declines with time.

Food Approval

Treofan NND is in compliance with current US FDA and European food contact regulation.

Health and Safety

Treofan NND has specially been developed for packing foods and meets the specific requirements on health and safety.

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. The data collected in this document is for non-binding information purposes only. The exact quality of the products is detailed in the technical specifications which are sent together with the order confirmation. Any existing commercial rights or patents must be observed. Certified according to DIN EN ISO 9001, DIN EN ISO 50001, BRC IOP, AIB. Compliance with industrial health and safety standards. Treofan OPP films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health and safety regulations are observed. Relevant guidelines can be found in our safety information.

Treofan Germany GmbH & Co. KG
Am Prime Parc 17
65479 Raunheim / Germany

t +49 (0) 6142 200 3000
f +49 (0) 6142 200 3202
e info@treofan.com