

# Koehler NexPlus® Advanced

## Technical Datasheet

- Description:** Heat-sealable barrier paper made of virgin fiber pulp with an oxygen, fat and mineral oil barrier. Prepared for the application of cold seal adhesive
- Application:** Various applications for flexible packaging of products in the field of confectionary such as chocolate tablets or cereal bars
- Format:** Reel
- Features & Benefits:**
- High whiteness
  - No optical brighteners
  - Smooth surface
  - Prepared for the application of cold seal adhesive
  - High flex-crack resistance
  - Excellent strength properties
  - Natural appearance and feel
  - Excellent ink and laquer hold out
  - Excellent running properties on packaging and converting lines
  - Recyclable in the paper waste stream
- Printing:** Especially suitable for flexo-, rotogravure and digital printing

Product specifications:		Standard	Unit	
Substance		ISO 536	gsm	75
Thickness		ISO 534	µm	72
Tensile Strength	MD	ISO 1924-2	N/15 mm	≥ 85
	CD	ISO 1924-2	N/15 mm	≥ 50
Elongation	MD	ISO 1924-2	%	≥ 1.9
	CD	ISO 1924-2	%	≥ 5.0
Bursting Strength Mullen		ISO 2758	kPa	≥ 250
OTR		DIN 53380-3	cm <sup>3</sup> /m <sup>2</sup> /d atm at 23°C / 50% r.h.	≤ 5
HVTR			g/m <sup>2</sup> /d	≤ 10
KIT		Tappi T 559		12
Grease Permeability		DIN 53116		KAT. 1
WVTR		ASTM D 1653	g/m <sup>2</sup> /d at 23°C / 50% r.h.	≤ 20

Technical values are informative and subject to production variations. Responsibility for testing the suitability of the product for specific application lies with the purchaser.

Provided suitable and industry-standard storage conditions in the original packaging (dry room climate / adequately protected from cross-contamination), Koehler guarantees the specified mechanical properties for a period of 12 months from the date of shipment ex works

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