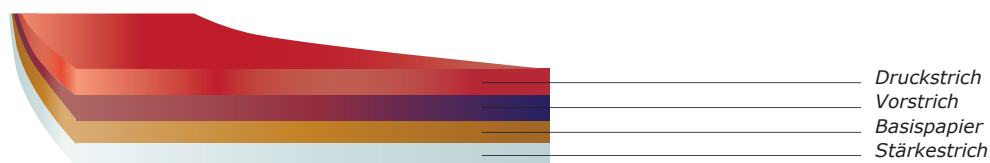


# Koehler NexCoat® Smart Arctic White

## Technical Datasheet

Layer:



**Description:** Premium one-side coated glossy paper for an extensive range of flexible packaging applications with a fresh strong whiteness.

**Application:** Various applications in flexible packaging such as bags and pouches

**Format:** Reel

- Features & Benefits:**
- High whiteness
  - No optical brighteners
  - Smooth surface
  - Suitable for metallizing, laminating and extrusion
  - High flex-crack resistance
  - Good lay flat properties
  - High dimensional stability
  - Excellent ink and laquer hold out
  - Good embossing properties
  - Excellent runability on converting and packaging lines

**Printing:** Especially suitable for rotogravure and flexo printing

Product specifications:		Standard	Unit		
Substance		ISO 536	gsm	50	60
Thickness		ISO 534	µm	44	52
Opacity		ISO 2471	%	80	86
Whiteness R 457	TS	ISO 2470	%	80	80
Roughness PPS	TS	ISO 8791-4	µm	0.7	0.7
	BS	ISO 8791-4	µm	3.3	3.3
Gloss Tappi 75°	TS	ISO 8254-1	%	74	74
Tensile Strength	MD	ISO 1924-2	N/15 mm	≥ 45	≥ 54
	CD	ISO 1924-2	N/15 mm	≥ 20	≥ 28
Elongation	MD	ISO 1924-2	%	≥ 1.5	≥ 1.5
	CD	ISO 1924-2	%	≥ 4.5	≥ 4.5
Bursting Strength Mullen		ISO 2758	kPa	≥ 110	≥ 130

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