

OPTIMAL BARRIER AND PRODUCT PROTECTION

INNOVATIVE AND SAFE

Folienprint
Member of the All4Labels Global Packaging Group

star blocker®

- Foils

- ✓ An innovative development of Folienprint RAKO, for safe packaging.
- ✓ Protect your products optimally against the premature loss of freshness, aroma & flavor. In addition, these films offer excellent migration barrier against mineral oils.
- ✓ Are available in gloss and mat optics. Transparent or white. And as starblocker®premium also in metallized.

PRODUCTRANGE

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starblocker®

	starblocker®H transparent	starblocker®H white	starblocker®V transparent	starblocker®V white	starblocker®*premium* metallized
BARRIER					
GAS	good	good	excellent	excellent	excellent
MOISTURE	standard	standard	standard	standard	excellent
AROMA	excellent	excellent	good	good	excellent
MINERALOIL	good	good	excellent	excellent	excellent

TECHNICAL SPECIFICATION

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	starblocker®H		starblocker®V		starblocker®*premium*		
CHARACTERISTICS	TRANSPARENT	WHITE	TRANSPARENT	WHITE	METALLIZED	UNIT	NORM / METHOD
THICKNESS	50	55	70	70	40	µm	---------
WEIGHT	45,5	42,7	65,3	68,3	36,4	g / m²	---------
PRODUCTIVITY	22,2	23,4	15,31	14,64	27,5	kg / m²	---------
O2 TRANSMISSION (23°C / 0% RH)	< 25	< 20	< 2,0	< 2,0	0,1	cm³/m² x 24h x bar	ASTM D3985
WATER VAPOR TRANSMISSION (38°C / 90% RH)	< 4,0	< 4,0	< 5,0	< 5,0	0,1	g/m² x 24h x bar	ASTM F1249
MINERALOIL BARRIER (PERMEATION 40°C)	< 0,020 (MOSH) < 0,010 (MOAH)	< 0,020 (MOSH) < 0,010 (MOAH)			< 0,020 (MOSH) < 0,010 (MOAH)	µg / dm² x 24h	FRAUNHOFER*
AROMA BARRIER (A.E.: LEMON OR MENTHOL)	< 10	< 10			< 10	ng / cm³ x 24h	FLAVOLOGIC
CoF	< 0,30	< 0,30	< 0,30	< 0,30	< 0,40	-------	ASTM D1894

Application areas

- ✓ Bakery products
- ✓ Cereals
- ✓ Confectionery
- ✓ Spices
- ✓ Coffee
- ✓ Flour
- ✓ Petfood
- ✓ Rice
- ✓ Snacks
- ✓ Sweets
- ✓ Sea
- ✓ Pasta
- ✓ Sugar
- ✓ …




star
blocker®