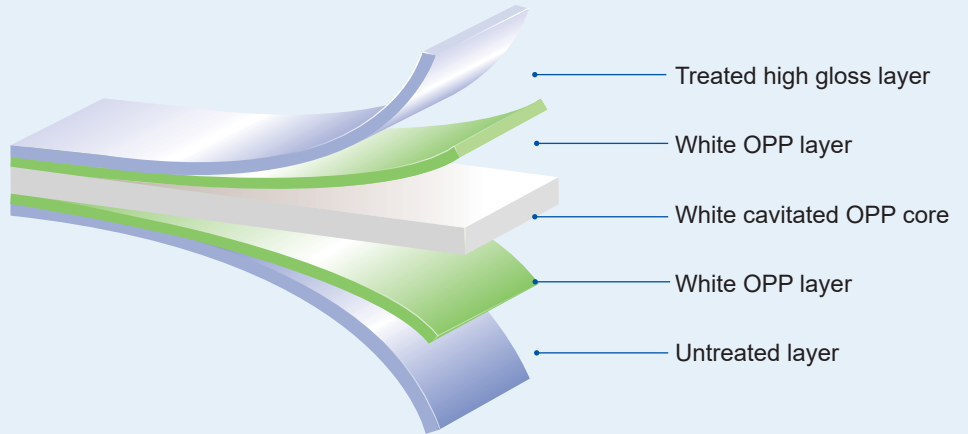


Rayoface™ QAD

Technical Data Sheet

QAD - White opaque, one-side treated multi-layer, cavitated, coextruded OPP film for PS Labels

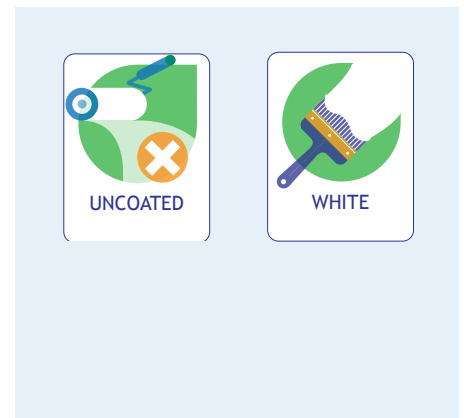


Features

- Coating receptive surfaces
- High stiffness for label dispensing
- Excellent web flatness for coating process
- In-line treatable surfaces
- Excellent die cutting performance

Application

- Face stock for hand-held and automatic label dispensing
- Pressure Sensitive (PS) labels



Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	QAD
Thickness	Internal method		micron	59
			gauge	230
Yield	Internal method		in ² /lb	16,000
			m ² /kg	22.8
Basis Weight	Internal method		g/m ²	44.0
			lb/ream	27.0
Nominal Density	Internal method		g/cm ²	0.745
Opacity	Internal method		%	86
Whiteness	Internal method		% (Berger)	87
Surface tension	ASTM D 2578	Outside	mN/m (dyne)	40 <small>Available on request 2 side treated, wound 1 or 0</small>
Breaking Load	Internal method		lb/in	MD 30
				TD 58
Elongation	Internal method		%	MD 160
				TD 40
Stiffness (Gurley)	Internal method		%	MD 19
				TD 40
Unsupported Dim Stab	Internal method	248°F (120°C) /5min		MD 3
				TD 5

MD Machine Direction TD Transverse Direction

All properties are tested under standard laboratory conditions: 73 ± 4F, 50 ± 5% RH (23 ± 2°C, 50 ± 5% RH) unless otherwise stated. Where relevant, tests are based on international standards. This document is not a product specification and does not guarantee any specific product attributes. Any existing commercial rights or patents must be observed.

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Conversion

Treatment and Winding	Surface Printing
One-side treated	Treatment properties are guaranteed for 6 months only
Treated surface wound to outside of roll	Excellent web flatness permits higher speed printing
Refer to roll tag for specific treatment on roll	Run appropriate trials prior to production
Untreated surface is treatable	Consult your ink, coating and adhesive suppliers

Conversion Note -

During conversion, web temperatures should not exceed a web temperature of 105°F (40°C).

Nominal Reel Diameters

Film	Length (metres)
QAD 60	12500
Film	Length (feet)
QAD 60	41,010
Outside Diameter	12x
For 6in / 153mm core	40.1" (in) 1,019mm

All rolls are wound to length. Actual OD may vary with thickness and winding density variations.

Film Storage and Handling

The films should be placed in the processing area 24 hours prior to processing, to acclimatise. The films are largely unaffected by climatic conditions but should not be stored at temperatures above 104°F (40°C). Under suitable storage conditions, the film can be stored for a period of 6 months without any risk of deterioration.

Food Contact

Rayoface™ QAD is FDA approved for food contact. Please contact Technical Services for other Food Contact statements.

Health & Safety Guidelines

MSDS sheets, as well as other product safety documents, are available for our films upon request.

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