

Proposal of “Puretect™”

SIMON ASSOCIATES LIMITED

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Mitsui Chemicals Tohcello, Inc.

1. Competence of Puretect™ as lens saver tape

Puretect is a “Pure” protective film originated from combination of resin formulation technology of Mitsui Chemicals and clean process Technology of Mitsui Chemicals Tohcello.

Puretect is designed as a liner less tape though Puretect have sufficient adhesive strength for lens saver, It can provide you reduction of rubbish.

The high technologies make it possible to develop unique stability for sticking and peeling.

Puretect is environmental friendly not to evolve toxic gas by combustion and able to recycle because of the all polyolefin source.

Puretect™ will provide you a solution for your process problems!

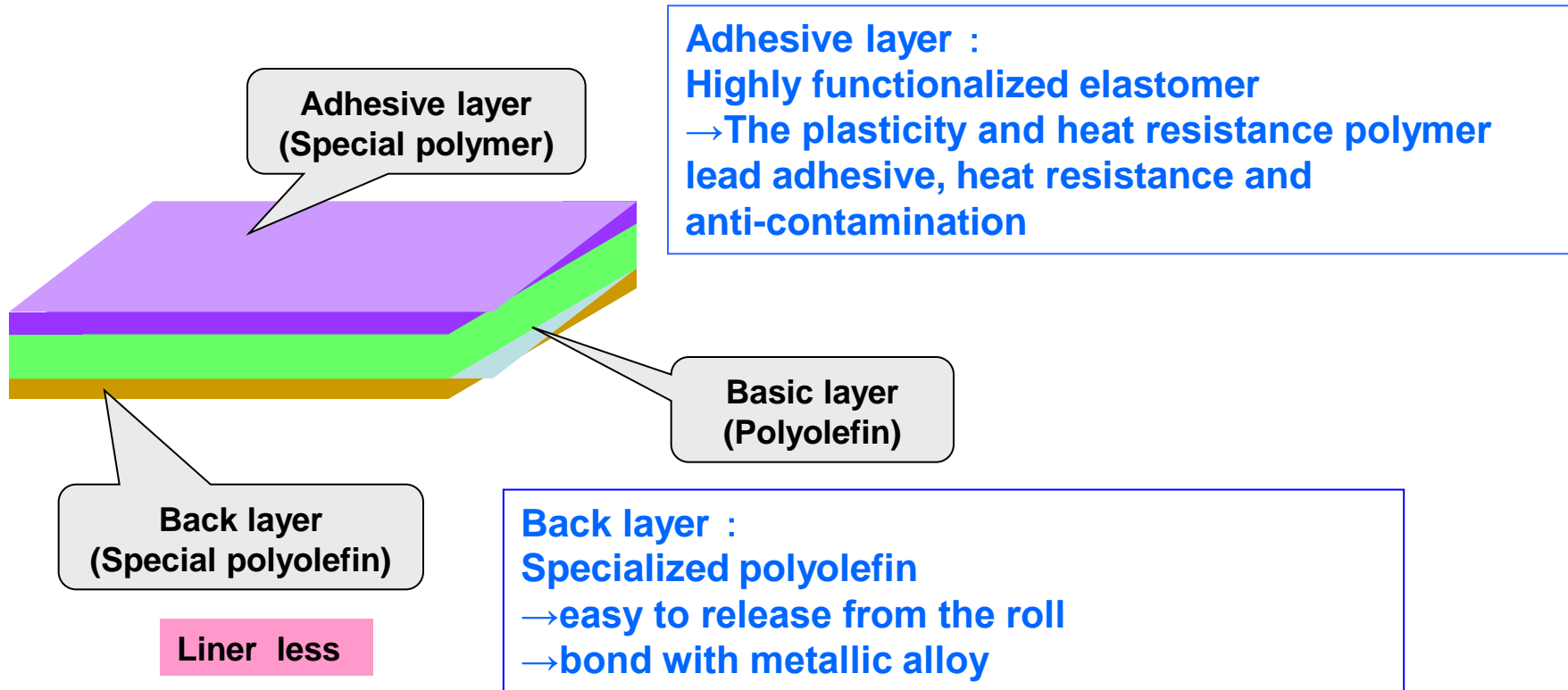
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2. PURETECT™ ”SA-GB4”



➤ Puretect is co-extrusion film derived from polyolefins not to leave any contamination after peeling

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3. Property of Puretect™ SA-GB

item	unit	SA-GB4	Competitive
type		Non-glue	glue
Film color		light blue	light blue
Thickness	μm	120	120
Adhesive strength (acrylic plate)	N/50mm	22	19
Adhesive strength (Metal alloy)	N/50mm	4	4
Young's modulus	MPa	100	100
Liner		Liner free	Paper type
Proposal application		Ophthalmic lens saver High adhesive strength to lens and alloy	

Measuring method of adhesive strength
: peeling speed 300mm/min,
peeling angle 180°

These value are representative not but specification.
The quality or recipe might be change.

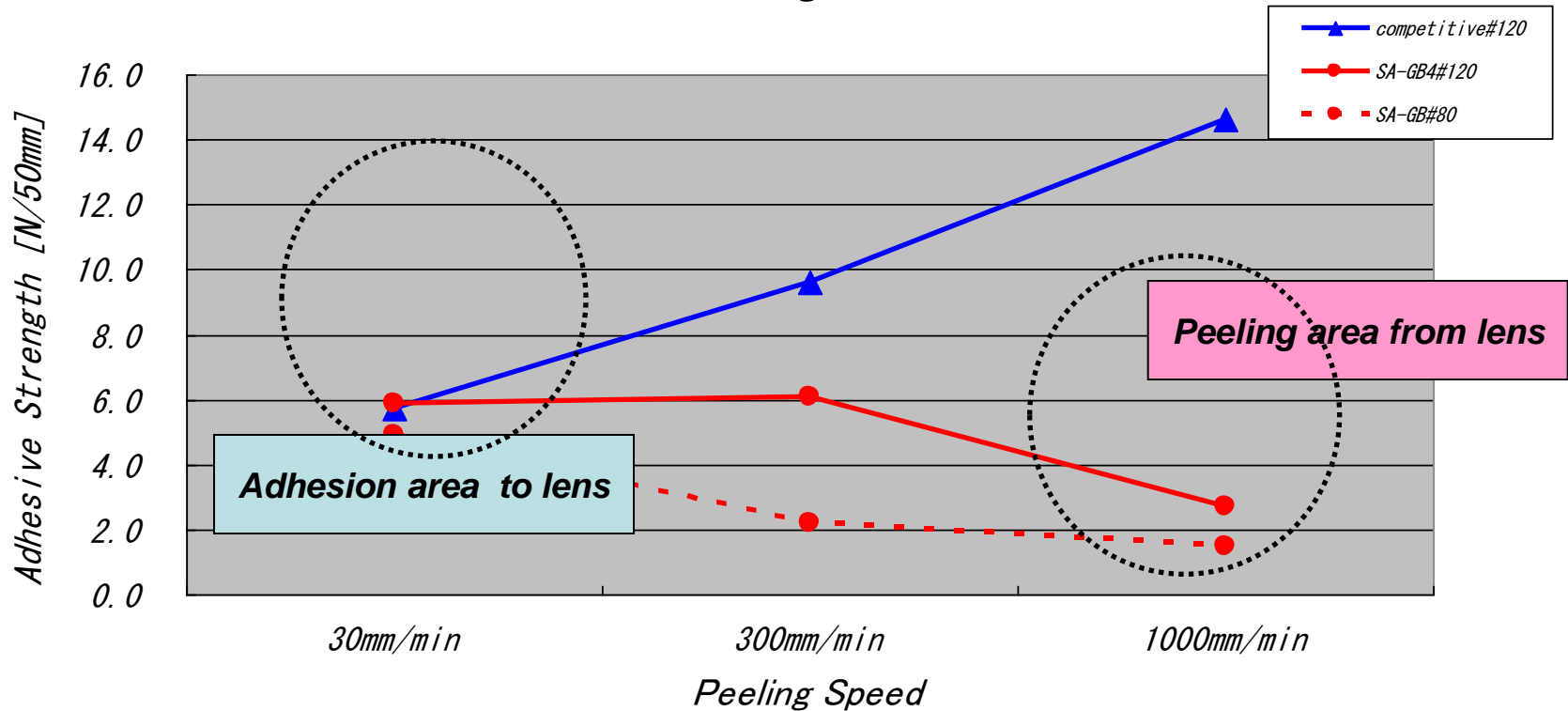
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4. Distinction of Puretect™ SA-GB

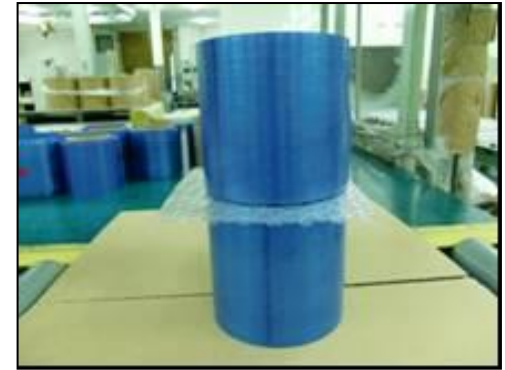
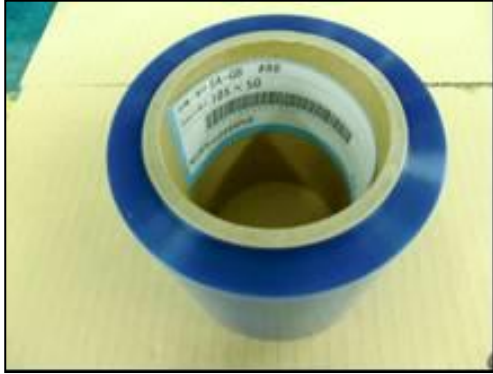
Adhesive Strength (PC lens BC0.5)



Low peeling speed = hard to peel off
High peeling speed = easy to remove

Puretect has high adhesive strength at low peeling speed and low at high peeling speed

5. SURFACING TAPE, SAGB4



①Q&A Surfacing tape, SAGB4

Q1: Which temperature alloy is it designed to work with?
Low Temp 47°C(117 F) or High 60°C(140 F)?

A1: Regarding to alloy, majority labs have used it Temp 47°C(117 F) and 60°C(140 F) for many years with a reputation.

Q2: Has it been tested with different materials such as CR39, Mid and High Index, PC, Trivex?

A2: Yes, it has. It works for CR39, Mid and High Index, PC, Trivex.

Q3: What about lens coatings?

A3: Available for hard coating and non-coating.

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Q4: What are the dimensions of the roll?

Do you know the weight and dimensions for a carton?

A4: This is detail as below.

*Roll size : Length: 50m / Width: 100mm

*Content : 12 Rolls / CTN

*Carton size: L 44 x W 30 x H 26 cm

*G/W : 9.0 KGS / CTN

*Country of origin: Japan

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