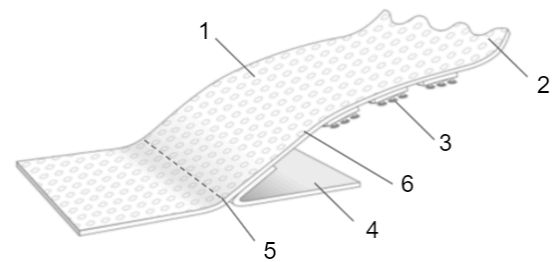# TECHNICAL DATA SHEET

Avery Dennison Y5045K Wave C is a precombined diaper tape system, incorporating hook elements and a Y-bond between fastening and release tape.

- Premium adhesion and shear performance to a wide variety of stretchable nonwoven diaper ears
- Aggressive & soft hook element used for better peel performance onto multiple loop landing zones
- Y-bond providing strongest possible bond with diaper chassis
- White nonwoven-like fastening tape with flexible fingerlift increasing the softness of the closure system
- Pop-opens during conversion eliminated by the use of an adhesive zone to fix the fastening tape
- Excellent adhesion of release tape to a wide variety of polypropylene nonwoven substrates
- Enhance tape folding at Y-bond position
- Maximized product roll length through spoolwinding

CONSTRUCTION

1. White soft nonwoven fastening tape: 46.4 mm (incl Wave C: 47.4 mm)
2. White soft fingerlift: 4.8 mm (incl Wave C: 5.8 mm)
3. Multilane 13 mm hook zone, with 10 mm superhooks
4. Clear BOPP release tape (excl. Y-bond): 15 mm
5. Folding position: 16 mm
6. Exposed adhesive area: 7.1 mm

STANDARD FORMAT: SPOOLS

- Core width: 385 mm
- Spool width: 345 mm
- Roll length: 2850 linear meter
- Inside diameter of the core: 153 mm (6 inch)
- Outside diameter of the roll: 495mm

STANDARD FORMAT: DISCS

- Roll width: 47.4 mm
- Roll length: 500 linear meter
- Inside diameter of the core: 76 mm (3 inch)
- Outside diameter of the roll: 600 mm

PACKAGING

- Standard export packaging
- Pallet size is 1000 x 1200 x 1160 mm (height)
- Number of spools per pallet: 8 spools

PACKAGING

- Standard export packaging
- Pallet size is 1000 x 1200 x 1160 mm (height)
- Number of rolls per pallet: 38 rolls

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Physical Properties	Typical Values	Test Methods
PRECOMBINED TAPE		
Roll unwind release	Low	
FASTENING TAPE		
90° peel Hooks/Avery Loops (peak)	250 N/m	T04/612
FASTENING TAPE – PERMANENT PART		
90° peel on PE film	150 N/m	T04/100
RELEASE TAPE		
90° peel on PE film	150 N/m	T04/100

Note: The listed values are typical only and not intended to serve as product specifications.
Test procedures conform PSTC – ASTM – ISO.

STORAGE AND SHELF LIFE

The shelf life of the product is one year when stored in original packaging at 15°C-30°C, 30-70% relative humidity and out of direct sunlight.

IMPORTANT

Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine prior to use the suitability of this material for their specific purposes. All Avery Dennison materials described herein are sold subject to Avery Dennison Conditions of

Y5045K Wave C is a part of our flagship products and solutions portfolio Sustainable Advantage, which helps to set the benchmark for innovation, sustainability and regeneration across the entire supply chain.

For more information about our baby, incontinence, feminine care and packaging, call us:

North America: +1 866 462 8379
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www.personalcare.averydennison.com

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Sales, a copy of which is available upon request.

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Sustainable Advantage

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