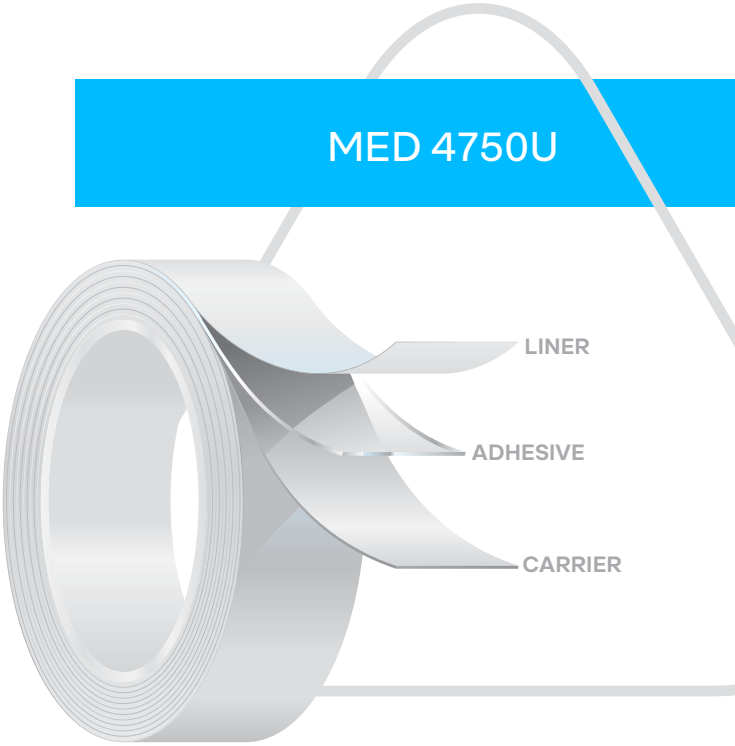
TECHNICAL DATA SHEET

MED 4750U

Single-Coated Nonwoven

MED 4750U is a single-coated, water-repellent, white rayon (viscose) nonwoven with a solventless acrylic adhesive. This product's combination of a breathable adhesive and a unique water-repellent carrier allows for long-term wear and optimum patient comfort; it also acts as a fluid barrier, assisting to maintain its adhesion properties.



TYPICAL APPLICATION

Designed for fixation devices, electromedical devices and wound care applications.

FEATURES AND BENEFITS

- Conformable
- Breathable
- Moisture resistant
- Heat sealable
- Die-cuttable
- Gamma and EtO sterilizable

Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	7.9 mils	200 µm	White, release-coated, 100% rayon (viscose) nonwoven
ADHESIVE THICKNESS	1.0 mils	25 µm	Solventless acrylic adhesive designed for medical applications
LINER THICKNESS	2.6 mils	65 µm	White super-calendered glassine

*Refer to product specifications for material acceptance limits.

TECHNICAL DATA SHEET

MED 4750U

Single-Coated Nonwoven

MED 4750U

Physical Properties [Not intended as a specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE (PE)	TDS-01	0.5 lbf/in	2.0 N/25 mm
PEEL ADHESION ON STAINLESS STEEL (SS)	TDS-05	0.3 lbf/in	1.5 N/25 mm
LINER RELEASE	TDS-06	2.0 oz/in	55 g/25 mm
FINAT TACK	TDS-07	1.1 lbf/in	5 N/25 mm
STATIC SHEAR	TDS-12	320 minutes	
MVTR	TDS-16	190 g/100 in^2 per 24 hr	2900 g/m^2 per 24 hr

MVTR, moisture vapor transmission rate.
*Test method information available upon request.
†Refer to product specifications for material acceptance limits.

STORAGE AND SHELF LIFE: Two years when stored at 23°C (73°F), 50% relative humidity, out of direct sunlight, in original packaging.

DEFINITIONS: "Avery Dennison Medical" means Avery Dennison Corporation. "Purchaser", "Customer" and/or "User" means the customer of Seller, jointly referred to as "Parties" or individually as "Party". For the purpose of these Conditions, "Products" means goods, all parts, components and services sold by Avery Dennison Medical to Purchaser.

SAFETY: Customers/Users have full responsibility to determine the suitability of Avery Dennison Medical products for applications in their businesses. This includes both safety and biocompatibility assessments. Material Safety Data Sheets (MSDS) will be provided upon request, as well as summaries of components' biocompatibility testing results (ISO 10993), where available. Customers should perform their own assessments on final products in compliance with applicable regulatory requirements.

LIMITED WARRANTY: All statements, technical information and recommendations concerning Products sold or samples provided by Avery Dennison Medical are based upon tests believed to be reliable but do not constitute a guarantee or warranty, and the Purchaser is responsible for determining whether a Product is fit for a particular purpose and for the Product's application. All Products are sold and samples of products are provided with the understanding that the Purchaser has independently determined the suitability of such products for its purposes. Avery Dennison Medical warrants the Products to be free from defects in material and workmanship by the time of the delivery (in other words: the initial date of the shipment). Should any failure to conform to this warranty appear (i) during the time period stated on the specific product specification sheet, or (ii) during the time period on the specific product information literature in effect at time of shipment, or (iii) if not otherwise specified then within one year after the initial date of shipment, then Avery Dennison Medical shall, upon notification thereof and substantiation that the Products have been stored and applied in accordance with the standards set by Avery Dennison Medical, correct such defects without charge to the Purchaser by either suitable repair or replacement in its sole discretion of Avery Dennison Medical at the Avery Dennison Medical plant or at the location of the Products. Such price of repair or replacement shall not exceed the purchase price of the Products upon which the liability is based, and Avery Dennison Medical may in its sole discretion refund the purchase price of the Product in lieu of any repair or replacement. For Customers, all Avery Dennison Medical materials/products described herein are sold subject to the Conditions of Sales to be found on https://medical.averydennison.com/en/home/terms-and-conditions.html, which may be updated from time to time by Avery Dennison and of which a copy is also available on request. This warranty is exclusive and is in lieu of any implied warranty of merchantability and any implied warranty of fitness for a particular purpose or other warranty of quality, whether express or implied, except the warranty of title and against patent infringement. No waiver, alteration, additions or modifications of the foregoing Conditions shall be valid unless made in writing and manually signed by an officer of Avery Dennison Medical.

LIMITATION OF LIABILITY: In no event shall Avery Dennison Medical be liable for any incidental or consequential damages, including but not limited to, loss of profit, loss of use of production or loss of capital. The remedies of the Purchaser set forth herein are exclusive and the total liability of Avery Dennison Medical with respect to any contract, or anything done in connection therewith such as the performance or breach hereof, or from the manufacture, sale, delivery, resale, installation or use of products whether arising out of contract, negligence, strict liability, tort or any other legal theory or under any warranty, or otherwise, shall not exceed the purchase price of the products upon which the liability is based.

To learn more about how our material and adhesive science expertise can help drive your next innovation, call us

US: +1 440 534 2600
Belgium: +32 14 40 48 11
Ireland: +353 43 3349586

www.medical.averydennison.com

©2020, Avery Dennison Corporation. Avery Dennison and the triangle logo are registered trademarks of Avery Dennison Corporation. All rights reserved.

MTR-MKT-000032-D

AVERY DENNISON | Medical