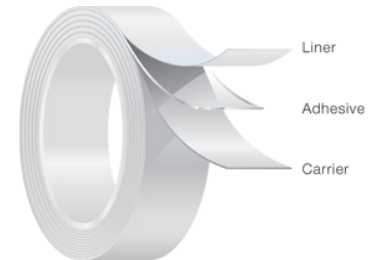


# TECHNICAL DATA SHEET

## MED 5588H Hydrocolloid

MED 5588H is a single-coated, transparent polyurethane film with an advanced and highly integrated hydrocolloid formulation. This product's absorbent adhesive is designed to not break down upon saturation, to assist in creating optimal skin and wound healing conditions, and has a high fluid handling capacity.



### Typical Application:

Designed for wound care and fixation of medical devices.

### Features and Benefits:

- Conformable
- Integrated hydrocolloid
- High absorption rate
- Moisture resistant
- Die-cuttable
- Gamma sterilizable

Product Construction			
	Typical Values*		Description
Carrier Thickness	2.8 mils	70 µm	Transparent polyurethane film
Adhesive Thickness	20 mils	500 µm	Hydrocolloid designed for medical applications
Release Liner Thickness	3.3 mils	85 µm	White super-calendered glassine

Physical Properties (Not intended as a specification.)			
	Test Method**	Typical Values*	
Peel Adhesion on Polyethylene (PE)	TDS-02	0.2 lbf/in	1.0 N/25 mm
Peel Adhesion on Stainless Steel (SS)	TDS-04	1.1 lbf/in	5.0 N/25 mm
Liner Release	TDS-06	2.3 oz/in	33 g/25 mm
Static Shear	TDS-14	760 min	
Reverse Tack	TDS-09	2.7 lbf/in	12 N/25 mm
MVTR	TDS-17	39 [g/100in <sup>2</sup> -24 hours]	600 [g/m <sup>2</sup> -24 hours]
Static Absorption	TDS-17	320 [g/100in <sup>2</sup> -24 hours]	5000 [g/m <sup>2</sup> -24 hours]

\*Refer to product specifications for material acceptance limits. \*\*Test method information available upon request.

For questions or to order, please contact your strategic account director or visit our website: [vancive.averydennison.com](http://vancive.averydennison.com)

USA +1 440 534 2600

International +32 14 40 48 11

### **Storage and Shelf Life**

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

### **Safety**

Customers/users have full responsibility to determine the suitability of Vancive products for applications in their business. 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 VANCIVE MEDICAL TECHNOLOGIES, AN AVERY DENNISON BUSINESS, 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 PURCHASER has independently determined the suitability of such products for its purposes. VANCIVE 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 VANCIVE shall, upon notification thereof and substantiation that the products have been stored and applied in accordance with VANCIVE's standards, correct such defects without charge to PURCHASER by either suitable repair or replacement in its sole discretion of VANCIVE at VANCIVE's plant or at the location of the products. Such repair or replacement shall not to exceed the purchase price of the products upon which the liability is based, and VANCIVE may in its sole discretion refund the purchase price of the product in lieu of any repair or replacement.

For customers in Europe, all Vancive materials/products described herein are sold subject to Vancive's Conditions of Sales to be found on [terms.europe.averydennison.com](http://terms.europe.averydennison.com) and may be updated from time to time by Vancive, a copy of which 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 VANCIVE.

### **Limitation of Liability**

IN NO EVENT SHALL AVERY DENNISON 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 PURCHASER SET FORTH HEREIN ARE EXCLUSIVE AND THE TOTAL LIABILITY OF AVERY DENNISON 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 UNDER LEGAL THEORY OR UNDER ANY WARRANTY, OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCTS UPON WHICH THE LIABILITY IS BASED.