

# DuploMED® 45150

Single-sided acrylic tape with nonwoven carrier



Diagnostic



Electrodes



Wound Care



Surgical



Ostomy



Consumer  
Healthcare



Wearables



## Product construction

	Name	Colour	Thickness (µm / mil) †
Liner	Paper	white	70 / 2.8
Adhesive closed side	Pure acrylic	transparent	370 / 14.6
Carrier	Nonwoven (Polyester)	white	
<b>Total thickness</b>			<b>440 / 17.4</b>

## Main application fields

- DuploMED® 45150 is suitable for a wide range of medical applications such as a backing material for finger bandages and wound dressings.

## Product advantages / Features and Benefits

- Good bonding strength on skin up to seven days
- Skin friendly adhesive
- Flexibility and conformability
- Free of latex and colophony

## Standard technical data

Peel strength 90° **	on PA according to DIN EN 1939, edition 1996, at 23 ± 2 °C (73.4 ± 3.6 °F)	4,3 N/25 mm	16 oz/in
Grammage	internal test method		78 g/m <sup>2</sup>
Elongation	according to DIN EN 29073-3 MD		40 %
	according to DIN EN 29073-3 CD		150 %
Tensile strength	according to DIN EN 29073-3 MD	120 N/50 mm	432 oz/2in
	according to DIN EN 29073-3 CD	N/50 mm	234 oz/2in
MVTR	according to ISO 13726-2		1200 g/m <sup>2</sup> /24 h

\* Typical values, not intended to be used as product specification

\*\* Specific test results, statistically approved

# DuploMED® 45150

## Biocompatibility and safety

Customers should perform their own assessment to ensure the final product is in compliance with all applicable Medical Device regulatory requirements. To support the assessment, and upon request, Lohmann can provide, where available, biocompatibility testing results (ISO10993) specific to either the product supplied by Lohmann or its' constituent components.

## Application condition

**Recommended application temperature**

18 °C to 40 °C (64,4 °F to 104 °F)

**Application guidelines**

[www.lohmann-tapes.com](http://www.lohmann-tapes.com)

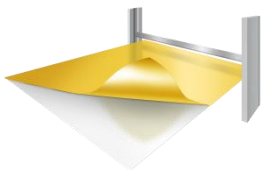
## Storage and shelf-life

Adhesive tapes should be stored at room temperature and normal humidity (50-70 %).  
When properly stored the shelf-life of the product is at least 1 year after delivery.

## Product presentation

Converted product	Rolls	Spools
Width [mm / in]	on request	
Length [m / yd]	on request	
Max. log width [mm / in]	1260 / 49,6	Other dimensions, die-cuts and sheets on request.

Sheet



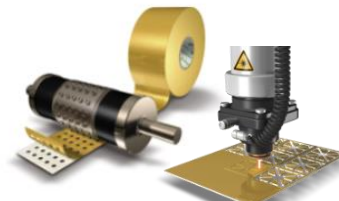
Roll



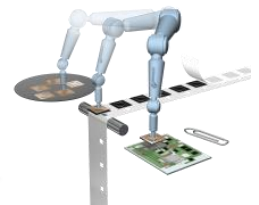
Spool



Die Cut



Pick & Place



## IMPORTANT NOTE

The physical characteristics contained in this data sheet represent typical or average values. All application related statements, information and recommendations herein are given to the best of our knowledge and practical experience. Many factors beyond our control and uniquely within buyer's knowledge and control can affect the use and performance of our tape in a particular application. EXCEPT AS EXPRESSIVELY AGREED IN WRITING WE DO NOT TAKE OVER ANY WARRANTY OR LIABILITY FOR THE SUITABILITY OR USABILITY OF OUR TAPES FOR CERTAIN PURPOSES AND APPLICATIONS RESULTING FROM BUYER'S SPECIAL USAGE OF THE TAPES. EXCEPT WHERE PROVIDED BY MANDATORY LEGAL PROVISIONS, WE WILL NOT BE LIABLE FOR ANY DIRECT OR INDIRECT MATERIAL OR IMMATERIAL LOSSES OR DAMAGES ARISING FROM THE USAGE OR APPLICATION OF OUR TAPES. Solely the buyer is responsible for determining the suitability of the specific tape for its use in connection with his method of application. Please consult our Technical Applications Department for specific advice.

Date of issue: December 2023