

DuploMED® 45150



Diagnostic



Electrodes



Wound Care



Surgical



Ostomy



Consumer
Healthcare



Wearables



Product construction

	Name	Colour	Thickness (mm)
Liner	Paper	white	approx. 0,07
Adhesive closed side	Acrylic	transparent	approx. 0,37
Carrier	Nonwoven / PES	white	
		Total thickness	approx. 0,44

Main application fields

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

Product advantages / Features and Benefits

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

Standard technical data

90° - Peel strength *	on PA according to DIN EN 1939, edition 1996, at +23 °C ± 2 °C	4,3	N/25 mm
Grammage	internal test method	78	g/m ²
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
	according to DIN EN 29073-3 CD	65	N/50 mm
MVTR	according to ISO 13726-2	1200	g/m ² /24h

* Test results are 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

Application guidelines 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]		
Length [m]		
Max. log width:	1260 mm	Other dimensions, die-cuts and sheets on request.

Sheet



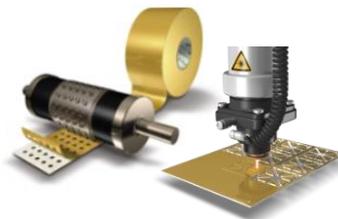
Roll



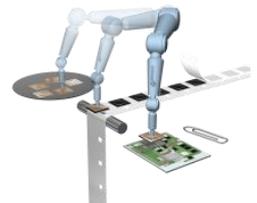
Spool



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.

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