

DuploMED® ELE 77300

Single-sided acrylic tape with foam carrier



Diagnostic



Electrodes



Wound Care



Surgical



Ostomy



Consumer
Healthcare



Wearables



Product construction

	Name	Colour	Thickness (µm / mil) *
Liner	Siliconized paper	white	100 / 3.9
Adhesive closed side	Pure acrylic	transparent	900 / 35.4
Carrier	Foam (Polyethylene)	white	
Total thickness			1000 / 39.4

Main application fields

- DuploMED® ELE 77300 is used for the manufacturing of electrodes and other medical devices.

Product advantages / Features and Benefits

- Good bonding strength on skin up to three days
- Skin friendly adhesive
- Good tack
- Free of colophony and latex
- Suitable for die-cutting
- Moisture resistant

Standard technical data **

Shear strength	on stainless steel at 23 ± 2 °C (73.4 ± 3.6 °F)	5 N/625 mm ²	18 oz/in ²
Peel strength 90°	on POM at 23 ± 2 °C (73.4 ± 3.6 °F)	12 N/25 mm	43 oz/in
Grammage	internal test method	95 g/m ²	

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

** Specific test results, statistically approved

DuploMED® ELE 77300

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

Storage and shelf-life

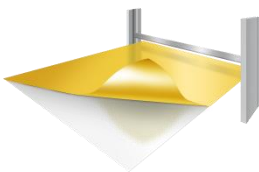
Adhesive tapes should be stored at room temperature and normal humidity (50-70 %).

When properly stored the shelf-life of the product is at least 2 years after delivery.

Product presentation

Converted product	Rolls	Spools
Width [mm / in]	25 - 1260 / 1 - 49.6	
Length [m / yd]	200 - 375 / 219 - 410	
Max. log width [mm / in]	1260 / 49.6	Other dimensions, die-cuts and sheets on request.

Sheet



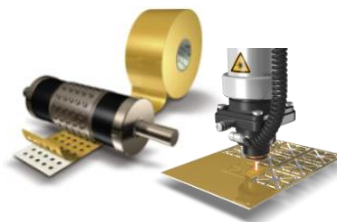
Roll



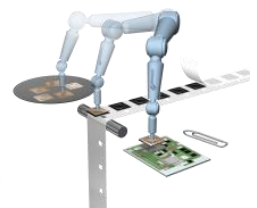
Spool



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.

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