

GL-523



Diagnostic



Electrodes



Wound Care



Surgical



Ostomy

Consumer
Healthcare

Wearables



Product construction

	Name	Colour	Thickness (µm / mil) *
Liner	One-sided poly coated semi-bleached kraft liner	white	approx. 81 / 0.003
Adhesive closed side	Pure acrylic	clear	
Carrier	PET film	clear	approx. 71 / 0.003
Total thickness			approx. 152 / 0.006

Main application fields

- GL-162-Clear is used as cover tape, for Lateral Flow applications.

Product advantages / Features and Benefits

- Good plasticizer UV and solvent resistance
- Excellent adhesion to many different substrates
- Die-cuttable and easy to handle

Standard technical data **

	Substrates	Dwell 10M	24 hours
Peel strength	on stainless steel at +23 °C ± 2°C (73.4 ± 3.6 °F)	5.4 lb/in inch	6.1
Peel strength	on glass at +23 °C ± 2°C (73.4 ± 3.6 °F)	3.6	5.8
Peel strength	on PE at +23 °C ± 2°C (73.4 ± 3.6 °F)	1.7	1.9
Peel strength	on corrugated at +23 °C ± 2°C (73.4 ± 3.6 °F)	3.1	3.9
Peel strength	on painted metal at +23 °C ± 2°C (73.4 ± 3.6 °F)	4.6	4.2

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

** Specific test results, statistically approved

GL-523

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 35 °C (64.4 °F to 95 °F)
Application guidelines	www.lohmann-tapes.com

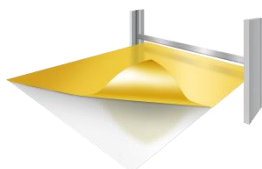
Storage and shelf-life

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]	-	-
Length [m / yd]	-	-
Max. log width [mm / in]:	-	Other dimensions, die-cuts and sheets on request.

Sheet



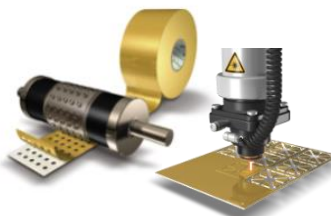
Roll



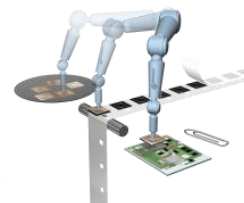
Spool



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: May 2025