

Material:	DuploCOLL 5015
------------------	-----------------------

Overview:

Lohmann DuploCOLL 5015 is a robust double-sided adhesive tape featuring a modified acrylic adhesive and a compressible foam carrier. With a thickness of 0.45 mm, it offers excellent initial tack and shear strength, making it ideal for a wide range of applications, including automotive and furniture assembly. This tape exhibits strong resistance to UV rays, aging, and various chemicals, ensuring durability in both indoor and outdoor environments

Description:

DuploCOLL 5015 is a high-performance double-sided adhesive tape that features a modified acrylic adhesive and a compressible polyethylene foam carrier. This tape is designed for various applications across different industries, particularly in the automotive and home appliance sectors.

Key features:

- **Thickness:** 0.45 mm
- **Liner:** Yellow silicone paper
- **Adhesive Properties:** Offers high initial adhesion and shear strength, making it suitable for bonding even low-energy plastics.
- **Environmental Resistance:** Excellent resistance to aging, weathering, UV radiation, and a wide range of chemicals and solvents, including common household cleaners.

Applications:

- **Automotive Industry:** Used for mounting exterior and interior mirrors in plastic housings, providing shatter protection.
- **Home Appliances:** Ideal for fixing panels, holders, and cable ducts in various household appliances.
- **Furniture Industry:** Suitable for self-adhesive finishing of extruded plastic profiles and permanent bonding of decorative elements.
- **Signage:** Can be used for affixing type and rating plates as well as indication signs

DuploCOLL 5015 is suitable for both indoor and outdoor applications and performs well on smooth and slightly rough surfaces.

Parameters:

Characteristics	Units	Value	Test Method
Series		Foam tape	
Application use		Mounting, Bonding	
Type		Double sided foam tape	
Shape		Roll	
Thickness	mm	0.45	Caliper

Application surfaces		LSE plastic	
Carrier material		PE foam	
Adhesive type		Modified acrylic	
Color		White	
Backing liner		Silicone paper	
Operation temperatures	°C	-40 - 90	Thermometer
90° Peel Adhesion (on S. Steel at 22°C)	N/cm		ASTM D3330
90° Peel Adhesion (on PP at 22°C)	N/cm	11	ASTM D3330

Warranty:**Technical data**

All information and statements contained in this document are based on the manufacturer's or material supplier's sources known to us at the time of filing. PERLON, spol. s r.o. believes them to be reliable in good faith, but the accuracy and/or completeness of such information is not guaranteed. The data should be considered representative or typical only and should not be used for specification purposes. Manufacturers reserve the right to make changes to the design, construction and technical data of products without prior notice.

Use of the product

Many factors beyond the control of PERLON, spol. s r.o. and known only to the user may affect the use and performance of materials in a particular application. Therefore, we recommend that the customer perform their own tests of the suitability and performance of the material for their application and to a responsible extent for reliable results. As a result, the customer is solely responsible for evaluating the product and determining if it is suitable for the customer's application, including evaluating workplace hazards and reviewing all applicable regulations and standards. Failure to properly evaluate, use, or comply with all applicable safety regulations may result in injury, illness, death, and/or property damage if the material and associated safety is not properly evaluated. PERLON, spol. s r.o. makes no warranties of fitness for a particular purpose.

Limitation of liability

PERLON, spol. s r.o. shall not be liable for any loss or damage arising out of or relating to the product material, whether direct, indirect, special, incidental or consequential (including, but not limited to, loss of products or business), regardless of the applicable legal practice, including but not limited to warranty, contract, negligence or strict liability.

www.convertimg.sk