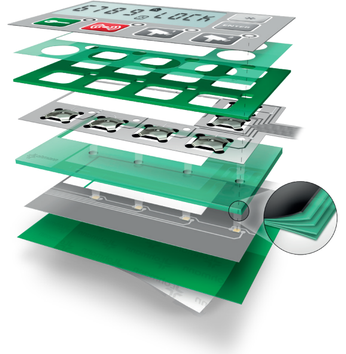
Pressure Sensitive Tapes for Human Machine Interfaces

Reliable Bonding Portfolio for Components in HMI



Standard Spacer Range

Double-sided pure acrylic coating

Thickness (µm)	Name	Carrier (Thickness)	PU*
80	DuploCOLL 360.2	PET 12 µm	100
112	DuploCOLL 3605.2	PET 12 µm	100
150	DuploCOLL 361.2	PET 50 µm	75
175	DuploCOLL 362.2	PET 75 µm	85
200	DuploCOLL 363.2	PET 100 µm	75
225	DuploCOLL 364.2	PET 125 µm	50
275	DuploCOLL 365.2	PET 175 µm	65

Standard Spacer Range

Double-sided modified acrylic coating

Thickness (µm)	Name	Carrier (Thickness)	PU*
130	DuploCOLL 37020	PET 12 µm	110

The spacers are available as sheets of 1000 x 700 mm. Other formats on request.
*PU = Packing Unit

Standard Spacer Range

Single-sided pure acrylic coating

Thickness (µm)	Name	Carrier (Thickness)	PU*
100	DuploCOLL 3611.2	PET 50 µm	165
175	DuploCOLL 3641.2	PET 125 µm	100
225	DuploCOLL 3651.2	PET 175 µm	50
275	DuploCOLL 3661.2	Laminate	50

Black Spacer Range

Double-sided modified acrylic coating

Thickness (µm)	Name	Carrier (Thickness)	Color
70	DuploCOLL 65047 BLK	PET 12 µm	Black
150	DuploCOLL 36150 BLK	PET 50 µm	Black

White Spacer Range

Single-sided white colored pure acrylic coating

Thickness (µm)	Name	Carrier (Thickness)	PU*
100	DuploCOLL 36030	PET 50 µm	100

The spacers are available as sheets of 1000 x 700 mm. Other formats on request.
*PU = Packing Unit

PE-Foam Spacer Range

Double-sided pure acrylic or modified acrylic coating

Thickness (µm)	Name	Carrier (Thickness)	Color
200	DuploCOLL 38220 BLK	PE-Foam 100 µm	Black
250	DuploCOLL 38225 BLK	PE-Foam 100 µm	Black
450	DuploCOLL 5015	PE-Foam 390 µm	White
450	DuploCOLL 5016	PE-Foam 390 µm	Black
600	DuploCOLL VP 7178	PE-Foam 500 µm	Black

Standard Spacer Range

Pure acrylic transfer tape

Thickness (µm)	Name	Carrier (Thickness)	PU*
50	DuploCOLL 101 HCR	No carrier	110
100	DuploCOLL 102 HCR	No carrier	100
125	DuploCOLL 103 HCR	No carrier	100
250	DuploCOLL 15250 HCR	No carrier	50

DuploCOLL® Spacer Laminates

Double-sided pure acrylic coating

Thickness (µm)		Thickness (µm)*					
	Name	100	150	175	200	225	275
300	DuploCOLL 36002	●			●		
325	DuploCOLL 366.2		●	●			
350	DuploCOLL 36003			● ●			
400	DuploCOLL 36005			●		●	
450	DuploCOLL 36007					● ●	
500	DuploCOLL 36009					●	●
550	DuploCOLL 36011	●				● ●	

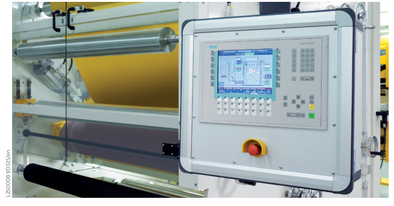
Quantities and availability on request. *Variations possible.

DuploCOLL® Spacer Laminates

Double-sided asymmetric pure and modified acrylic coating

Thickness (µm)		Thickness (µm)*				
	Name	100	175	225	50**	100**
325	DuploCOLL 36047			●		●

Quantities and availability on request. *Variations possible. **Modified acrylic.
Modified acrylic on the second side makes the spacer suitable for low-energy surfaces.



Our Solutions for HMI

Thin single or double-sided spacer tapes, laminates and transfer tapes for reliable bonding of components of human machine interfaces:

Our flexible pressure sensitive tapes and spacers are employed for a wide range of keyboards and HMI devices throughout different industries. The spacer range and spacer laminates ensure excellent fastening with a large portfolio of different thicknesses. The elasticity of our products enables an increased endurance in demanding environments and therefore adds to the lifetime of the membrane interfaces.

Contact us for more information or customization based on your needs.

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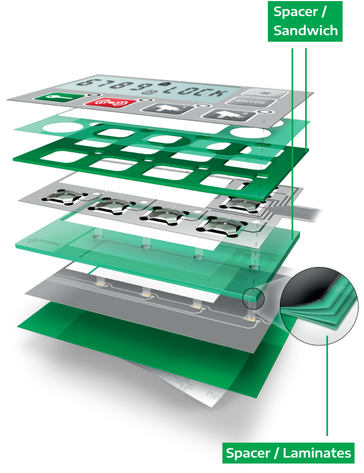
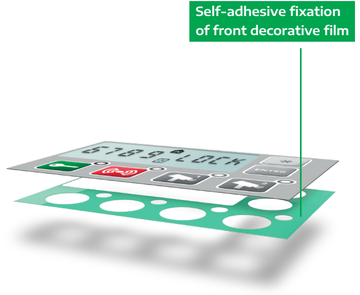
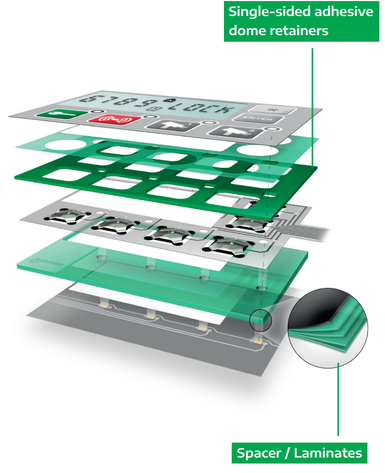
Smart Solutions for HMI Applications
Spacer & Sandwich Construction



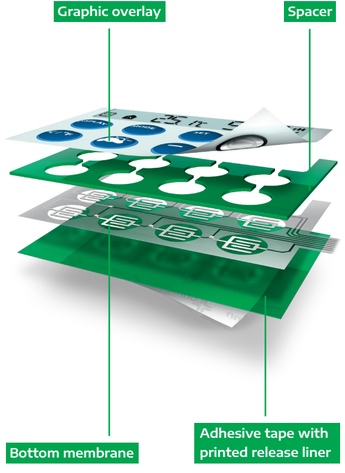
Front Decorative Films



Fixation of Snap on Disc



Housing



Customer Benefits

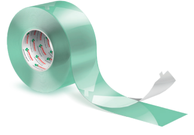
- Flexible bonding solutions for every kind of keyboard
- Lohmann quality ensures excellent fastening and increased lifetime for the membrane switch
- Optimized for process integration
- Membrane switches with metal domes give the user a tactile feedback with an individual input definition. In addition to spacer films, single-sided adhesive dome retainers are used to fasten the metal domes.
- Individual thicknesses are possible

Products

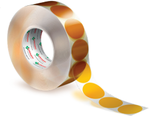
- Double-sided DuploCOLL spacer films
- Single-sided DuploCOLL spacer films
- DuploCOLL transfer tapes
- DuploCOLL laminates

Multifunctional Tapes

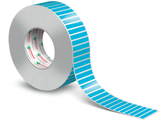
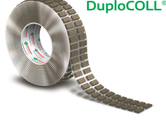
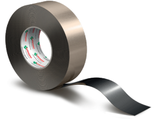
Antistatic:
DuploCOLL® AS



Electrically insulating:
DuploCOLL® IS



Thermally conductive:
DuploCOLL® TC



Electrically conductive:
DuploCOLL® EC