

**Technical Adhesive Tapes**  
Fastening And Joining Tape Systems

*Keeping you connected.*

*Coroplast*

# Content



Adhesive tape information: Single-sided and double-sided adhesive tapes	4 – 5
Foam adhesive tapes 4000 series	6 – 11
Transfer adhesive tapes 6000 series	12
Double-sided adhesive tapes 7000 series	13 – 15
Superior-performance adhesive tapes 9000 SPT series	16 – 20
Coroplast information	21

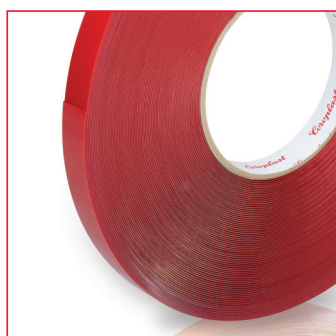
# Single-sided and double-sided adhesive tapes

We manufacture your adhesive tape to meet your production requirements because we know that state-of-the-art, effective productivity is essential when working with adhesive tapes.

We can offer you expert knowledge of adhesives for a range of adhesive systems, such as:

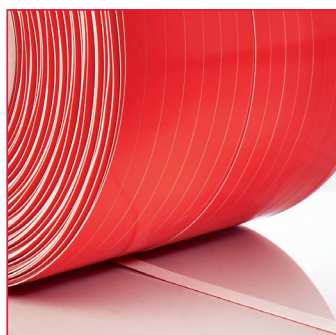
- › Acrylic masses
- › UV cross-linked acrylic
- › Synthetic rubber
- › Solvent-based acrylic
- › Dispersion acrylic

**We also offer a wide range of product and packaging options:**



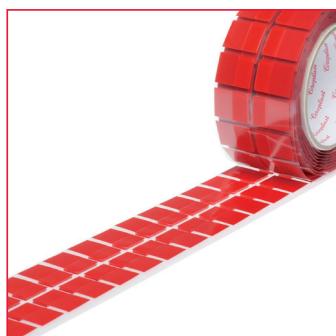
## **Rolls:**

You can order our tapes on single rolls with a range of core diameters (standard 3") and lengths – with additional overlapping liners if required. We also offer log rolls or converter rolls on request.



## **Level wound spools:**

Appropriate for machine applications, we can offer a range of tapes on level wound spools. Product widths of 4 mm to 29 mm are available (depending on material). To accelerate the application process you can order level wound spools with overlapping liners.



## **Die-cut parts:**

We can offer you die-cut parts custom-designed to meet your specifications. Choose from a range of product options: on rolls, on sheets, single parts, perforated, with or without fingerlifts or overlapping liners.

**We manufacture to meet your individual requirements. Furthermore, we offer customized consultation for your application and are happy to support you in optimizing your process by integrating our products.**

**We specialize in providing adhesive tape in many different versions, customized to suit your individual requirements and applications – try us!**



---

Joining techniques often require integral non-dissolvable material bonds. For this purpose Coroplast has designed

five different product series for industrial joining- and bonding applications.



**Series 4000**

**Polyethylene adhesive foam tapes**

Single- or double-sided self-adhesive closed-cell PE foam in various densities, colours and adhesive formulations



**Series 7000**

**Thin, double-sided adhesive tapes with carrier**

Double-sided self-adhesive, thin carrier materials (PET foil, non-woven paper, PVC, reinforced scrim) with various adhesive systems



**Series 5000**

**Polyurethane adhesive foam tapes**

Single-sided self-adhesive open-cell PUR foam, equipped with UV acrylic adhesive in various dimensions, pre-compressed



**Series 9000 SPT**

**High performance adhesive tapes**

Made from homogeneous acrylic mass with an excellent performance profile, available in various colours and thicknesses



**Series 6000**

**Transfer adhesive tapes**

Adhesive transfer films with performance profiles achieved by using various adhesive systems; coated on siliconized paper liner

# Coroplast 4000 series

## Subseries 4100: Single-sided PE foam tapes

- › Closed-cell, single-sided polyethylene foam adhesive tapes, coated with solvent-free, VOC-reduced acrylic adhesive
- › For sealing, insulating, protecting and cushioning of various materials
- › Strong initial tack, but can be corrected soon after start of adhesion
- › Very good final adhesion
- › Outstanding ageing properties
- › Available in thicknesses of 1.0 mm to 6.0 mm, depending on design
- › Suitable for indoor and outdoor use
- › Easy handling for manual application in the glass industry
- › Can be supplied as single roll, level wound spool or die-cut part

Technical data	4110	4112	4121	4122	4123	4124
Carrier	PE foam	PE foam	PE foam	PE foam, reinforced	PE foam, reinforced	PE foam, reinforced
Colors	white	white	white	white, anthracite	white, anthracite	white, anthracite
Adhesive	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic
Thickness	1.5 mm	2.0 mm	1.0 mm	2.0 mm	3.0 mm	4.0 mm
Liner	siliconized paper, honey	siliconized paper, honey	siliconized paper, white	PP film, white	PP film, white	PP film, white
Elongation at break	300%	250%	300%	180%	180%	180%
Tensile strength	40 N/25 mm	35 N/25 mm	25 N/25 mm	40 N/25 mm	45 N/25 mm	50 N/25 mm
Adhesion to steel	12 N/25 mm	20 N/25 mm	23 N/25 mm	12 N/25 mm*	12 N/25 mm*	12 N/25 mm*
Temperature range	-40 to 80°C	-40 to 80°C	-40 to +90°C	-40 to +80°C	-40 to +80°C	-40 to +80°C

### Special product characteristics

Initial adhesion	••	••	••	••	••	••
Final adhesion	••	••	••	••	••	••
UV-/weathering resistance	••	••	••	••	••	••

### Product suitability

Metal	x	x	x	x	x	x
Glass	x	x	x	x	x	x
PC	x	x	x	x	x	x
PA	x	x	x	x	x	x
ABS	x	x	x	x	x	x
PS	x	x	x	x	x	x
PP/PE						
PVC	x	x	x	x	x	x
Pre-treated wood	x	x	x	x	x	x

### Typical applications

Indoor application	x	x	x	x	x	x
Outdoor application	x	x	x	x	x	x
Signs, emblems, covers						
Fabrics, fleece, textiles						
Furniture trim, window bars						
Foams						
Glass/mirror						
Profiles						
Advertising materials						

• good performance, •• very good performance, ••• excellent performance

\* Foam split

Technical data	4132	4133	4134	4135	4136	4170/4175
Carrier	PE foam with solid laminated film	PE foam with solid laminated film	PE foam with solid laminated film	PE foam with solid laminated film	PE foam with solid laminated film	PE foam
Colors	white, anthracite	white, anthracite	white, anthracite	white, anthracite	white, anthracite	4170: white 4175: anthracite
Adhesive	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic	dispersion acrylic
Thickness	2.0 mm	3.0 mm	4.0 mm	5.0 mm	6.0 mm	1.0 mm
Liner	no interliner	no interliner	no interliner	no interliner	no interliner	siliconized paper, honey
Elongation at break	150%	150%	150%	150%	150%	150%
Tensile strength	45 N/25 mm	50 N/25 mm	55 N/25 mm	60 N/25 mm	65 N/25 mm	30 N/25 mm
Adhesion to steel	10 N/25 mm*	10 N/25 mm*	10 N/25 mm*	10 N/25 mm *	10 N/25 mm*	25 N/25 mm*
Temperature range	−40 to +80°C	−40 to +80°C	−40 to +80°C	−40 to +80°C	−40 to +80°C	−40 to +80°C

#### Special product characteristics

Initial adhesion	••	••	••	••	••	••
Final adhesion	••	••	••	••	••	••
UV-/weathering resistance	••	••	••	••	••	•

#### Product suitability

Metal	x	x	x	x	x	x
Glass	x	x	x	x	x	x
PC	x	x	x	x	x	x
PA	x	x	x	x	x	x
ABS	x	x	x	x	x	x
PS	x	x	x	x	x	x
PP/PE						x
PVC	x	x	x	x	x	x
Pre-treated wood	x	x	x	x	x	x

#### Typical applications

Indoor application	x	x	x	x	x	x
Outdoor application	x	x	x	x	x	x
Signs, emblems, covers						
Fabrics, fleece, textiles						
Furniture trim, window bars						
Foams						
Glass/mirror						
Profiles						
Advertising materials						

• good performance, •• very good performance, ••• excellent performance

\* Foam split

# Coroplast 4000 series

Subseries 4200, 4210: Double-sided foam adhesive tapes with acrylic adhesive, solvent-free

- › PE foam adhesive tapes for the durable bonding of strips, profiles and muntin bars
- › Coated with moisture-resistant acrylic adhesive for indoor and outdoor application
- › Solvent-free and VOC-reduced
- › Outstanding ageing properties
- › High resistance to chemicals and other external influences
- › Suitable for joining and bonding many different substrates, e.g. metal, glass, plastics (e.g. PC, ABS, PS, unplasticized PVC) and smooth wood
- › Very good initial tack and final adhesion
- › High shear strength and good temperature resistance
- › Varying densities, depending on your application
- › Can be supplied in converter rolls or single rolls, level wound spool or die-cut part, depending on size

Technical data	4221 F	4210, 4215	4212, 4217	4213	4202 F	4203 F	4204 F
Carrier	PE foam	PE foam	PE foam	PE foam	PE foam	PE foam	PE foam
Colors	white	4210: white 4215: anthracite	4212: white 4217: anthracite	white	white, anthracite	white, anthracite	white, anthracite
Adhesive	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic
Thickness	0.8 mm	1.0 mm	1.6 mm	2.0 mm	2.0 mm	3.0 mm	4.0 mm
Liner	siliconized film, red	version F: siliconized film, red version P: repellent paper, white	version F: siliconized film, red version P: repellent paper, white	version F: siliconized film, red version P: repellent paper, white	siliconized film, red	siliconized film, red	siliconized film, red
Elongation at break	350%	300%	200%	300%	140%	160%	160%
Tensile strength	30 N/25 mm	25 N/25 mm	35 N/25 mm	35 N/25 mm	25 N/25 mm	35 N/25 mm	50 N/25 mm
Adhesion to steel	30 N/25 mm	35 N/25 mm*	20 N/25 mm*	35 N/25 mm*	20 N/25 mm*	20 N/25 mm*	25 N/25 mm*
Shear strength	100 min**	100 min***	100 min***	100 min***	2,000 min**	1,500 min**	1,500 min**
Temperature range	-40 to +90°C	-40 to +90°C	-40 to +90°C	-40 to +90°C	-40 to +90°C	-40 to +90°C	-40 to +90°C

## Special product characteristics

Initial adhesion	••	••	••	••	••	••	••
Final adhesion	••	••	••	••	••	••	••
UV-/weathering resistance	••	••	••	••	••	••	••

## Product suitability

Metal	x	x	x	x	x	x	x
Glass	x	x	x	x	x	x	x
PC	x	x	x	x	x	x	x
PA	x	x	x	x	x	x	x
ABS	x	x	x	x	x	x	x
PS	x	x	x	x	x	x	x
PP/PE							
PVC	x	x	x	x	x	x	x
Pre-treated wood	x	x	x	x	x	x	x

## Typical applications

Indoor application	x	x	x	x	x	x	x
Outdoor application	x	x	x	x	x	x	x
Signs, emblems, covers	x	x	x	x	x	x	x
Fabrics, fleece, textiles							
Furniture trim, window bars	x	x	x	x	x	x	x
Glass/mirror							
Profiles	x	x	x	x	x	x	x
Advertising materials	x	x	x	x	x	x	x

• good performance, •• very good performance, ••• excellent performance

\* Foam split; \*\* 23 °C, 1.0 kg, 625 mm<sup>2</sup>; \*\*\* 23 °C, 500 g, 100 mm<sup>2</sup>



# Coroplast 4000 series

## Subseries 4240, 4250: Double-sided foam adhesive tapes with acrylic adhesive

- › PE foam adhesive tapes with various densities for durable bonding of strips, profiles and muntin bars
- › Test certificates of the LGA and IFT Rosenheim confirm suitability for installation purposes in the window and glass industry, the glazing trade and furniture industry (including 4240/4245)
- › Suitable for joining and bonding many different substrates, e.g. metal, glass, plastics (e.g. PC, ABS, PS, PVC) and smooth wood
- › When high standards of strength and durability are required
- › Good initial tack and excellent final adhesion
- › Suitable for indoor and outdoor use
- › Outstanding ageing properties
- › High resistance to chemicals and other external influences
- › Can be supplied as converter roll, single rolls, level wound spools or die-cut parts, depending on size

Technical data	4240, 4245	4242, 4247	4243 F	4250	4251	4257 F
Carrier	PE foam	PE foam	PE foam	PE foam	PE foam	PE foam
Colors	4240: white 4245: anthracite	4242: white 4247: anthracite	white	black	black	black
Adhesive	solvent-based acrylic	solvent-based acrylic	solvent-based acrylic	solvent-based acrylic	solvent-based acrylic	solvent-based acrylic
Thickness	1.0 mm	1.6 mm	3.0 mm	0.8 mm	0.4 mm	2.1 mm
Liner	version F: siliconized film, green version P: siliconized paper, white	version F: siliconized film, green version P: siliconized paper, white	siliconized film, green	version F: siliconized film, green version P: siliconized paper, white	version F: siliconized film, green version P: siliconized paper, white	siliconized film, green
Elongation at break	300%	200%	160%	500%	500%	350%
Tensile strength	25 N/25 mm	35 N/25 mm	35 N/25 mm	75 N/25 mm	35 N/25 mm	70 N/25 mm
Adhesion to steel	25 N/25 mm*	25 N/25 mm*	17 N/25 mm*	25 N/25 mm	20 N/25 mm	20 N/25 mm
Shear strength**	> 10,000 min	> 10,000 min	2,000 min	> 10,000 min	> 10,000 min	> 10,000 min
Temperature range	-40 to +90°C	-40 to +90°C	-40 to +90°C	-40 to +120°C	-40 to +120°C	-40 to +100°C

### Special product characteristics

Initial adhesion	•	•	•	•	•	••
Final adhesion	•••	•••	•••	•••	•••	•••
UV-/weathering resistance	•••	•••	•••	•••	•••	•••

### Product suitability

Metal	x	x	x	x	x	x
Glass	x	x	x	x	x	x
PC	x	x	x	x	x	x
PA	x	x	x	x	x	x
ABS	x	x	x	x	x	x
PS	x	x	x			x
PP/PE						
PVC	x	x	x	x	x	x
Pre-treated wood						x

### Typical applications

Indoor application	x	x	x	x	x	x
Outdoor application	x	x	x	x	x	x
Signs, emblems, covers	x	x	x	x	x	x
Fabrics, fleece, textiles						x
Furniture trim, window bars	x	x	x	x	x	x
Glass/mirror	x	x				
Profiles	x	x	x			x
Advertising materials						

• good performance, •• very good performance, ••• excellent performance

\* Foam split; \*\* 20 °C, 500 g, 100 mm²

# Coroplast 4000 series

## Subseries 4260: Double-sided foam adhesive tapes with modified acrylic adhesive

- › PE foam adhesive tapes for the durable bonding of ledges, trim and profiles.
- › Suitable for joining and bonding many different substrates, e.g. glass, smooth wood, plastics (e.g. PC, ABS, PS, unplasticized PVC, PP) and metal as well as structured and powder-coated surfaces
- › Good initial tack and excellent final adhesion, even on critical, low-energy substrates
- › Suitable for indoor and outdoor use
- › Outstanding ageing properties
- › Good temperature range
- › High resistance to chemicals and other external influences
- › Can be supplied in converter rolls or single rolls, level wound spool or die-cut part, depending on size

Technical data	4260, 4265	4263
Carrier	PE foam	PE foam
Colors	4260: white 4265: anthracite	white
Adhesive	mod. solvent-based acrylic	mod. solvent-based acrylic
Thickness	1.0 mm	3.0 mm
Liner	version F: siliconized film, green version P: siliconized paper, white	version F: siliconized film, green version P: siliconized paper, white
Elongation at break	300%	160%
Tensile strength	25 N/25 mm	35 N/25 mm
Adhesion to steel	25 N/25 mm*	17 N/25 mm*
Shear strength	180 min	100 min
Temperature range	–40 to +80°C	–40 to +80°C

Special product characteristics		
Initial adhesion	••	••
Final adhesion	••	••
UV-/weathering resistance	•••	•••

Product suitability		
Metal	x	x
Glass	x	x
PC	x	x
PA	x	x
ABS	x	x
PS	x	x
PP/PE		
PVC	x	x
Pre-treated wood	x	x

Typical applications		
Indoor application	x	x
Outdoor application	x	x
Signs, emblems, covers	x	x
Fabrics, fleece, textiles		
Furniture trim, window bars	x	x
Foams		
Glass/mirror		
Profiles		
Advertising materials		

• good performance, •• very good performance, ••• excellent performance

\* Foam split; \*\* 20 °C, 500 g, 100 mm²

# Coroplast 4000 series

Subseries 4280 P, 4290 P: Double-sided foam adhesive tapes with synthetic rubber adhesive

- › PE foam, multi-purpose adhesive tapes with well-balanced adhesion and shear strength
- › Can be used as an assembly aid and for bonding signs, hooks, strips, and profiles, even on low-energy substrates
- › Suitable for joining and bonding many different substrates, e.g. metal, glass, smooth wood, plastics (e.g. PC, PA, ABS, PS, PE, PP, unplasticized PVC)
- › Suitable for indoor use
- › Good ageing properties
- › Can be supplied on converter rolls, single rolls, level wound spools or as die-cut parts, depending on size

Technical data	4289 P	4290 P, 4295 P	4291 P	4292 P, 4297 P	4293 P, 4298 P	4294 P
Carrier	PE foam	PE foam	PE foam	PE foam	PE foam	PE foam
Colors	white	4290 P: white 4295 P: anthracite	white	4292 P: white 4297 P: anthracite	4293 P: white 4298 P: anthracite	white
Adhesive	synthetic rubber adhesive	synthetic rubber adhesive	synthetic rubber adhesive	synthetic rubber adhesive	synthetic rubber adhesive	synthetic rubber adhesive
Thickness	1.0 mm	1.0 mm	0.8 mm	1.6 mm	3.0 mm	0.4 mm
Liner	siliconized paper, white-blue	siliconized paper, white	siliconized paper, white-blue	siliconized paper, white	siliconized paper, white	siliconized paper, white-blue
Elongation at break	250%	200%	330%	200%	175%	480%
Tensile strength	22 N/25 mm	35 N/25 mm	28 N/25 mm	40 N/25 mm	29 N/25 mm	35 N/25 mm
Adhesion to steel	23 N/25 mm*	25 N/25 mm	32 N/25 mm*	25 N/25 mm*	17 N/25 mm	22 N/25 mm
Shear strength**	> 10,000 min	1,000 min	> 10,000 min	1,000 min**	> 10,000 min	> 10,000 min
Temperature range	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C

## Special product characteristics

Initial adhesion	••	••	••	••	••	••
Final adhesion	••	••	••	••	••	••
UV-/weathering resistance	•	•	•	•	•	•

## Product suitability

Metal	x	x	x	x	x	x
Glass	x	x	x	x	x	x
PC	x	x	x	x	x	x
PA	x	x	x	x	x	x
ABS	x	x	x	x	x	x
PS	x	x	x			x
PP/PE						x
PVC	x	x	x	x	x	x
Pre-treated wood	x	x	x	x	x	x

## Typical applications

Indoor application	x	x	x	x	x	x
Outdoor application	x	x	x	x	x	x
Signs, emblems, covers	x	x	x	x	x	x
Fabrics, fleece, textiles						x
Furniture trim, window bars	x	x	x	x	x	x
Foams						x
Glass/mirror	x		x			x
Profiles	x		x			x
Advertising materials	x	x	x	x	x	x

• good performance, •• very good performance, ••• excellent performance

\* Foam split; \*\* 20 °C, 500 g, 100 mm<sup>2</sup>

# Coroplast 6000 series

## Transfer adhesive tapes

- › Adhesive film covered with double-sided, siliconized covering paper or with film
- › For laminating and self-adhesive preparation of different materials such as felt, non-wovens, paper, foam, film or textiles
- › Suitable for joining and bonding many different substrates, e.g. metal, glass, wood, or plastics (e.g. PC, PA, ABS, PS, PVC, PP, PE)
- › Can be supplied in converter rolls, single rolls, or depending on size

Technical data	6005	6040	6090
Carrier	none	none	none
Adhesive	UV acrylic	solvent-based acrylic	synthetic rubber
Thickness	0.06 mm	0.06 mm	0.06 mm
Liner	siliconized paper, white	siliconized paper, white	siliconized paper, white
Adhesion to steel	25 N/25 mm	20 N/25 mm	30 N/25 mm
Shear strength	100 min	> 10,000 min	2,000 min
Temperature range	–40 to +100°C	–40 to +125 °C	–40 to +70°C

### Special product characteristics

Initial adhesion	••	•	••
Final adhesion	••	•••	••
UV-/weathering resistance	••	•••	•

### Product suitability

Metal	x	x	x
Glass	x	x	x
PC	x	x	x
PA	x		x
ABS	x	x	x
PS	x		x
PP/PE			
PVC	x	x	x
Pre-treated wood	x		x

### Typical applications

Indoor application	x	x	x
Outdoor application	x	x	x
Signs, emblems, covers		x	
Fabrics, fleece, textiles	x		x
Furniture trim, window bars	x	x	x
Foams	x	x	
Profiles	x		x
Advertising materials	x		

• good performance, •• very good performance, ••• excellent performance

\* 20 °C, 500 g, 100 mm²

# Coroplast 7000 series

## Subseries 7210: Double-sided adhesive tapes with acrylic adhesive, solvent-free

- › Thin, double-sided adhesive tapes coated with UV-cross-linked acrylic adhesive
- › For laminating and self-adhesive preparation of various materials such as signs, emblems and profiles
- › Suitable for joining and bonding many different substrates, e.g. metal, glass, pre-treated wood and plastics (e.g. PC, PA, ABS, PS)
- › Solvent-free and VOC-reduced
- › Very good ageing properties
- › Outstanding initial and final adhesion and good shear strength
- › Can be supplied in converter rolls or single rolls, depending on size, or as die-cut parts

Technical data	7210	7211	7212	7213	7215	7218
Carrier	PET film, 23µm, transparent	PET film, 12µm, transparent	PET film, 12µm, transparent	scrim, white	paper non-woven	PVC film, 90µm, white
Adhesive	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic
Thickness	0.12 mm	0.20 mm	0.10 mm	0.13 mm	0.10 mm	0.20 mm
Covering	siliconized paper, honey	siliconized paper, white	siliconized paper, white	siliconized paper, white	siliconized paper, honey	siliconized paper, honey
Elongation at break	110%	110%	110%	n.a.	6%	200%
Tensile strength	130 N/25 mm	130 N/25 mm	130 N/25 mm	n.a.	25 N/25 mm	80 N/25 mm
Adhesion to steel	30 N/25 mm	30 N/25 mm	30 N/25 mm	35 N/25 mm	25 N/25 mm	40 N/25 mm
Shear strength**	300 min	300 min	300 min	35 min	100 min	120 min
Temperature range	-40 to +100°C	-40 to +100°C	-40 to +100°C	-40 to +80°C	-40 to +100°C	-40 to +100°C

### Special product characteristics

Initial adhesion	••	•••	••	••	••	••
Final adhesion	••	••	••	••	••	••
UV-/weathering resistance	••	••	••	••	••	••

### Product suitability

Metal	x	x	x	x	x	x
Glass	x	x	x	x	x	x
PC	x	x	x	x	x	x
PA	x	x	x	x	x	x
ABS	x	x	x	x	x	x
PS	x	x	x	x	x	x
PP/PE						
PVC	x	x	x	x	x	x
Pre-treated wood	x	x	x	x	x	x

### Typical applications

Indoor application	x	x	x	x	x	x
Outdoor application	x	x	x	x	x	x
Signs, emblems, covers	x	x	x	x	x	x
Fabrics, fleece, textiles	x	x	x	x	x	x
Furniture trim, window bars	x	x	x	x	x	x
Foams	x	x	x	x	x	x
Glass/mirror	x	x	x	x	x	x
Profiles	x	x	x	x	x	x
Advertising materials	x	x	x	x	x	x

• good performance, •• very good performance, ••• excellent performance

\* 20 °C, 500 g, 100 mm<sup>2</sup>

# Coroplast 7000 series

Subseries 7240, 7260, 7280: Double-sided adhesive tapes with acrylic adhesive

- › Thin, double-sided adhesive tapes coated with solvent-based or dispersion acrylic adhesives
- › For laminating and self-adhesive preparation of various materials such as signs, emblems and decorative trim, as well as for splicing paper and film webs
- › Suitable for joining and bonding many different substrates, e.g. metal, glass and various types of plastic
- › High shear strength and adhesion
- › Can be supplied as converter roll, single roll, level wound spool or as die-cut part, depending on size

Technical data	7240	7260	7280	7265
Carrier	PET film, 23 µm, transparent	PET film, 23 µm, transparent	paper non-woven	PET film, 12 µm, transparent
Adhesive	solvent-based acrylic	mod. solvent-based acrylic	dispersion acrylic	mod. solvent-based acrylic
Thickness	0.15 mm	0.15 mm	0.13 mm	0.20 mm
Covering	siliconized paper, white	siliconized paper, white	siliconized paper, honey	siliconized paper, yellow
Elongation at break	110%	110%	6%	40%
Tensile strength	130 N/25 mm	130 N/25 mm	25 N/25 mm	37 N/25 mm
Adhesion to steel	20 N/25 mm	30 N/25 mm	40 N/25 mm	28 N/25 mm
Shear strength	4,000 min	5,000 min	40 min	6,000 min*
Temperature range	-40 to +125 °C	-40 to +80 °C	-40 to +80 °C	-40 to +120 °C

## Special product characteristics

Initial adhesion	•	••	•	•••
Final adhesion	•••	•••	•	•••
UV-/weathering resistance	•••	•••	•	•••

## Product suitability

Metal	x	x	x	x
Glass	x	x	x	x
PC	x	x		x
PA				x
ABS	x	x	x	x
PS			x	x
PP/PE		x	x	x
PVC	x	x	x	x
Pre-treated wood		x	x	x

## Typical applications

Indoor application	x	x	x	x
Outdoor application	x	x		x
Signs, emblems, covers	x	x		x
Fabrics, fleece, textiles		x	x	x
Furniture trim, window bars	x	x		x
Foams		x	x	x
Profiles		x	x	x
Advertising materials		x	x	x

• good performance, •• very good performance, ••• excellent performance

\* 20 °C, 500 g, 100 mm<sup>2</sup>



# Coroplast 7000 series

## Subseries 7290: Double-sided adhesive tapes with synthetic rubber adhesive

- › Thin double-sided adhesive tapes coated on both sides with a synthetic rubber adhesive, for indoor and outdoor use
- › For laminating and self-adhesive preparation of various materials such as signs, emblems and trim, as well as for splicing paper and film webs
- › Suitable for joining and bonding many different substrates, e.g. metal, glass, wood, and a range of plastics (e.g. PC, PA, ABS, PP/PE or unplasticized PVC)
- › Can be supplied on converter rolls, single rolls or level wound spools, depending on size, or as die-cut parts

Technical data	7290	7292	7293
Carrier	paper non-woven	polyester film, 23µm, transparent	polyester film, 23µm, transparent
Adhesive	synthetic rubber	synthetic rubber (open side)	synthetic rubber
Thickness	0.12 mm	0.09 mm	0.13 mm
Covering	siliconized paper, white	siliconized paper, white	siliconized paper, white
Elongation at break	10%	80%	100%
Tensile strength	25 N/25 mm	130 N/25 mm	150 N/25 mm
Adhesion to steel	25 N/25 mm	20 N/25 mm (open side) 1 N/25 mm (covered side)	25 N/25 mm
Shear strength	700 min	2,000 min (open side)	2,000 min
Temperature range	–40 to + 80°C	–40 to + 80°C	–40 to + 80°C

Special product characteristics			
Initial adhesion	••	••	••
Final adhesion	••	••	••
UV-/weathering resistance	••	••	••

Product suitability			
Metal	x	x	x
Glass	x	x	x
PC	x	x	x
PA	x	x	x
ABS	x	x	x
PS	x	x	x
PP/PE	x	x	x
PVC	x	x	x
Pre-treated wood	x	x	x

Typical applications			
Indoor application	x	x	x
Outdoor application	x	x	x
Signs, emblems, covers	x	x	x
Fabrics, fleece, textiles			
Furniture trim, window bars	x	x	x
Foams	x	x	x
Profiles	x	x	x
Advertising materials	x	x	x

• good performance, •• very good performance, ••• excellent performance

\* 20 °C, 500 g, 100 mm²

# Coroplast 9000 series – high-performance adhesive tapes

Designed for use in extremely demanding applications

Coroplast 9000 SPT series superior-performance adhesive tapes are characterized by their homogeneous, uniformly acrylic adhesive composite. As a result, their performance is far superior to conventional double-sided foam adhesive tapes.

Whether in industrial applications or in the automotive sector, using Coroplast Series 9000 SPT high-performance adhesive tapes is a reliable and economical method for durably bonding a broad range of materials. In many cases, Coroplast superior-performance adhesive tapes can replace mechanical joining methods, such as screws, rivets, spot welds or soldering.



Coroplast 9306 SPT

## Coroplast Series 9000 SPT is as multifaceted as its fields of application:

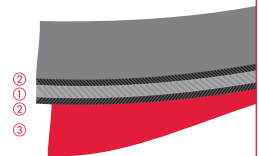
- › Automotive industry
- › Aerospace and shipping industry
- › Windows and wall paneling
- › Advertising and displays
- › Furniture industry
- › Electronics industry
- › Electrical appliances
- › Windows and doors

## Ideal for bonding:

- › Decorative and protective strips
- › Attachments, accessories
- › Emblems and cladding
- › Profile seals
- › Damping plates
- › Window systems, blinds, brackets
- › Reinforcement profiles, signs, scales, seals
- › LEDs, PCB

## Adhesive tape structure (schematic):

- ① Closed-cell, self-adhesive and homogeneous acrylic mass (in various thicknesses and colors)
- ② Double-sided modifications of adhesion to increase the adhesion on special substrates: e.g. using heat-activated adhesive or modified acrylic adhesive
- ③ Liner (paper or film)



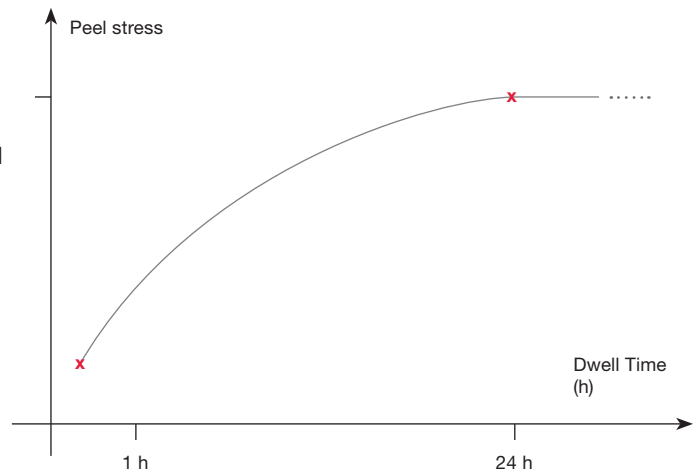
## The performance profile of the Series 9000 SPT includes the following aspects:

- › Excellent adaptability to the bonding components
- › High stress absorption due to its visco elastic behavior
- › Good shock resistance
- › High inner strength
- › Good ageing properties and long-term durability
- › Good temperature and media resistance
- › Good resistance to plasticizers
- › Excellent final bond strength

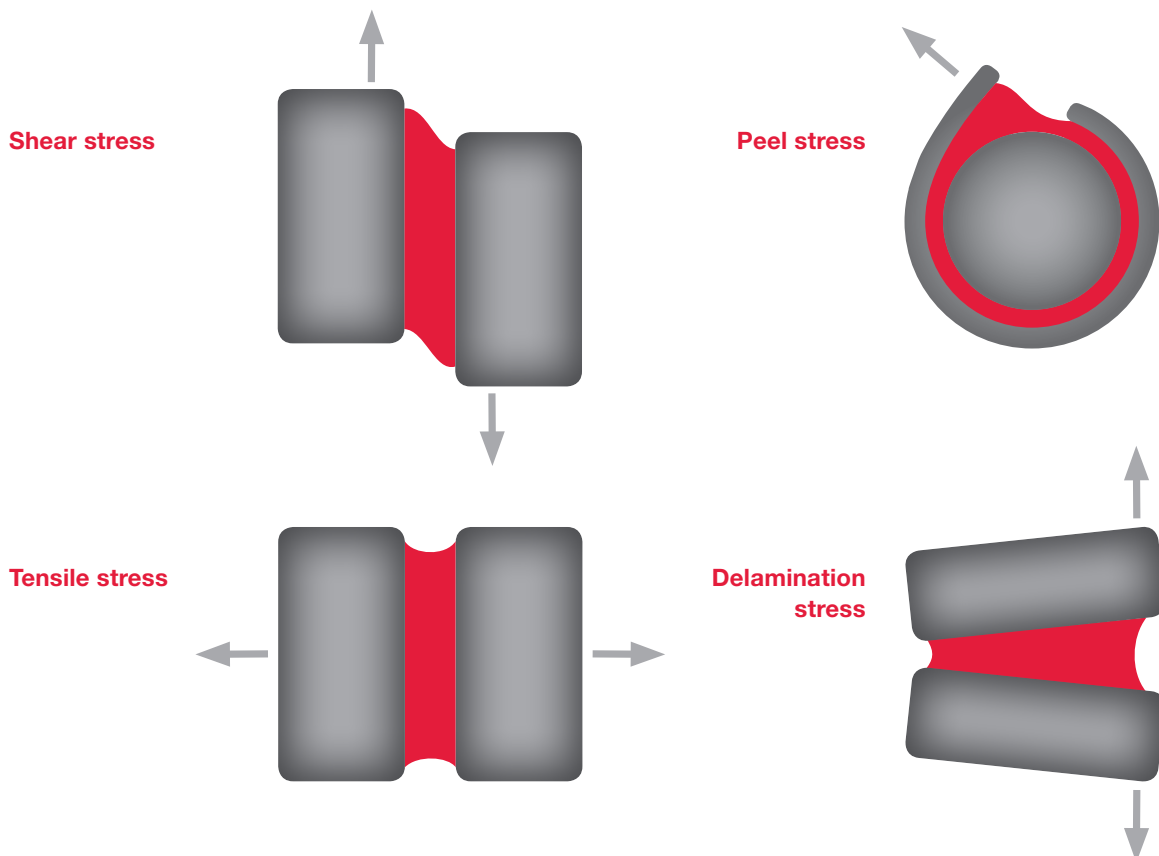
### Application information:

In order to take advantage of the performance profile of the Coroplast high-performance tape Series 9000 SPT, it is important to follow the processing instructions as well as the recommended dwell times. Final bond strength is reached after 24 hours.

We recommend that you always conduct an application-oriented test to confirm product suitability before using Coroplast SPT high-performance adhesive tapes.



**Mechanical stress situations in bonding and adhesion technology where adhesive tapes of Coroplast 9000 SPT series are particularly suitable due to stress absorption:**

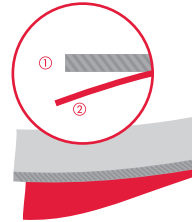


# Coroplast 9000 SPT series

## Subseries 9000: High-performance adhesive tapes, transparent

- › Highly transparent and very elastic acrylic adhesive mass with good, well-balanced performance profile
- › Excellent adhesion and shear strength values
- › Adhesive tape thickness between 0.05 mm and 3.0 mm are available
- › Particularly suitable for applications that require highly transparent and permanent adhesive tape
- › Multi-purpose tape for indoor and outdoor use
- › Applications include bonding metal and glass, transparent plastics, signs, profiles and emblems
- › Can be supplied in converter rolls, single rolls, level wound spools, die-cut parts or in DIY packaging (assembly set) in a pillow pack (e.g. 9005 SPT) upon request

- ① acrylic mass transparent
- ② release liner



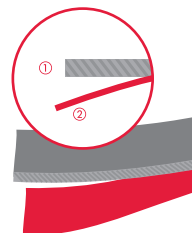
Technical data	9001 SPT	9002 SPT	9003 SPT	9005 SPT	9010 SPT	9015 SPT	9020 SPT	9025 SPT	9030 SPT
Adhesive	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass
Colors	transparent, no color	transparent, no color	transparent, no color	transparent, no color	transparent, no color	transparent, no color	transparent, no color	transparent, no color	transparent, no color
Thickness	0.05 mm	0.13 mm	0.25 mm	0.5 mm	1.0 mm	1.5 mm	2.0 mm	2.5 mm	3.0 mm
Covering	PE film, red	PE film, red	PE film, red	PE film, red	PE film, red	PE film, red	PE film, red	PE film, red	PE film, red
Elongation at break	n.a.	n.a.	750%	750%	750%	750%	750%	750%	600%
Tensile strength	n.a.	n.a.	10 N/25 mm	10 N/25 mm	14 N/25 mm	29 N/25 mm	25 N/25 mm	25 N/25 mm	25 N/25 mm
Adhesion to steel	25 N/25 mm	25 N/25 mm	35 N/25 mm	50 N/25 mm	62 N/25 mm	75 N/25 mm	75 N/25 mm	75 N/25 mm	75 N/25 mm
Shear strength	10,000 min*	10,000 min*	10,000 min*	> 10,000 min*	> 10,000 min*	> 10,000 min*	> 10,000 min*	> 10,000 min*	> 10,000 min*
Temperature range	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C

\* 1.0 kg, 625 mm<sup>2</sup>

## Subseries 9100: High-performance adhesive tapes, gray

- › Highly elastic, closed-cell, gray acrylic adhesive mass with very good ability to adapt to bonding components
- › Multi-purpose tape for indoor and outdoor use
- › Excellent temperature resistance
- › Typical applications include mounting of strips, profiles, muntin bars or a variety of plastic and metal parts
- › Adhesive tape thickness between 0.4 mm and 1.5 mm are available
- › Outstanding adhesion and shear strength
- › Can be supplied in converter rolls, single rolls, level wound spool or die-cut parts

- ① acrylic mass gray
- ② release liner



Technical data	9104 SPT	9106 SPT	9108 SPT	9111 SPT	9115 SPT	9123 SPT
Adhesive	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass
Colors	gray	gray	gray	gray	gray	gray
Thickness	0.4 mm	0.6 mm	0.8 mm	1.1 mm	1.5 mm	2.3 mm
Covering	PE film, red	PE film, red	PE film, red	PE film, red	PE film, red	PE film, red
Elongation at break	600%	550%	600%	500%	600%	600%
Tensile strength	6 N/25 mm	8 N/25 mm	14 N/25 mm	16 N/25 mm	20 N/25 mm	40 N/25 mm
Adhesion to steel	25 N/25 mm	34 N/25 mm	25 N/25 mm	25 N/25 mm	28 N/25 mm	75 N/25 mm
Shear strength*	> 10,000 min	> 10,000 min	> 10,000 min	> 10,000 min	> 10,000 min	> 10,000 min
Temperature range	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C

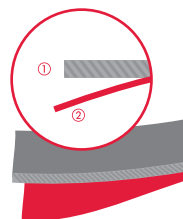
\* 23 °C, 500 g, 100 mm<sup>2</sup>

# Coroplast 9000 SPT series

## Subseries 9300: High-performance adhesive tapes, white

- › Highly elastic, closed-cell, white acrylic adhesive mass with very good flexibility to bonding components
- › Multi-purpose tape for indoor and outdoor use
- › Excellent temperature resistance
- › Typical applications include mounting of strips, profiles, muntin bars or accessories made of metal and plastics
- › Adhesive tape thickness of 0.6 mm and 1.1 mm are available
- › Outstanding adhesion and shear strength values
- › Can be supplied as converter roll, single roll, level wound spool or die-cut part

- ① acrylic mass, white
- ② release liner



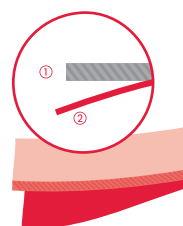
Technical data	9306 SPT	9311 SPT
Adhesive	acrylic mass	acrylic mass
Colors	white	white
Thickness	0.6 mm	1.1 mm
Covering	PE film, red	PE film, red
Elongation at break	550%	600%
Tensile strength	9 N/25 mm	19 N/25 mm
Adhesion to steel	25 N/25 mm	25 N/25 mm
Shear strength*	> 10,000 min	> 10,000 min
Temperature range	-40 to +120°C	-40 to +120°C

\* 23 °C, 500 g, 100 mm<sup>2</sup>

## Subseries 9400: High-performance adhesive tapes, colored, translucent

- › Colored, translucent adhesive tape made of a highly elastic acrylic adhesive mass with very good ability to adapt to bonding components
- › Range of colors and thicknesses available
- › Particularly suitable for applications that require a slightly translucent adhesive surface, e.g. for the glass furniture and metal fittings industries and for coloring of glass objects
- › Multi-purpose tape for indoor and outdoor use
- › Very good adhesion and shear strength
- › Can be supplied as converter roll, single roll, level wound spool or die-cut part

- ① acrylic mass colored, translucent
- ② release liner



Technical data	9404 SPT	9410 SPT
Adhesive	acrylic mass	acrylic mass
Colors	black-translucent, other colors available on request	black-translucent, other colors available on request
Thickness	0.4 mm	1.0 mm
Covering	PE film, red	PE film, red
Elongation at break	750 %	750 %
Tensile strength	12 N/25 mm	12 N/25 mm
Adhesion to steel	25 N/25 mm	25 N/25 mm
Shear strength*	1,000 min.	1,000 min
Temperature range	-40 to +90°C	-40 to +90°C

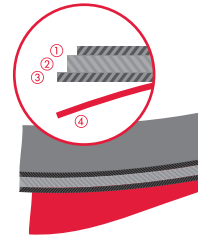
\* 23 °C, 500 g, 100 mm<sup>2</sup>

# Coroplast 9000 SPT series

## Subseries 9700, 9900: High-performance adhesive tapes, modified

- › Modified acrylic masses on both sides with high adaptability to bonding components and excellent performance profile
- › Highly elastic acrylic adhesive with very strong immediate adhesion, e.g. to automotive and powder coatings, or to high- or low-energy surfaces
- › High flexibility and therefore optimal for tight radiuses and bonding on curves
- › Multi-purpose tape for indoor and outdoor use
- › Outstanding adhesion and shear strength values
- › Can be supplied as converter roll, single roll, level wound spool or die-cut part
- › Typical applications include the self-adhesive preparation of trim, profiles, seals and strips in the automotive and supply industry
- › Excellent temperature resistance

- ① modified acrylic
- ② gray acrylic core
- ③ modified acrylic
- ④ release liner



example of the product structure (schematic) of Coroplast 9915 SPT

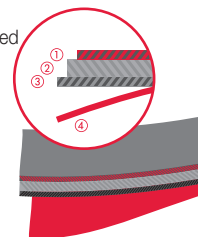
Technical data	9708 SPT	9711 SPT	9904 SPT	9908 SPT	9911 SPT	9915 SPT
Adhesive	acrylic mass, modified	acrylic mass, modified	acrylic mass, modified	acrylic mass, modified	acrylic mass, modified	acrylic mass, modified
Colors	gray	gray	gray	gray	gray	gray
Thickness	0.8 mm	1.1 mm	0.5 mm	0.9 mm	1.2 mm	1.6 mm
Covering	siliconized film, red	siliconized film, red	siliconized film, green	siliconized film, green	siliconized film, green	siliconized film, green
Elongation at break	650%	600%	600%	600%	700%	700%
Tensile strength	25 N/25 mm	30 N/25 mm	10 N/25 mm	20 N/25 mm	30 N/25 mm	40 N/25 mm
Adhesion to steel*	100 N/25 mm	100 N/25 mm	50 N/25 mm	60 N/25 mm	70 N/25 mm	70 N/25 mm
Adhesion to acrylic paint*	55 N/25 mm	60 N/25 mm	27 N/25 mm	30 N/25 mm	60 N/25 mm	60 N/25 mm
Temperature range	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C

\* 90 °C peel off after 72 h, reinforced with aluminum

## Subseries 9000 SPT HA: High-performance adhesive tapes, heat-activated

- › Heat-activated and modified acrylic masses with good ability to adapt to bonding components and excellent performance profile
- › For fixation on elastomeric components, e.g. EPDM rubber profiles (heat-activated side) and on, e.g. automotive coatings, or on high- or low-energy surfaces (modified side)
- › Typical applications include bonding seals or the self-adhesive preparation of strips, profiles, cover plates, etc.
- › High flexibility and therefore optimal for tight radiuses and bonding on curves
- › Multi-purpose tape for indoor and outdoor use
- › For industrial use, technical heat-activation equipment is required; please enquire for further details.

- ① heat-activated adhesive
- ② gray acrylic core
- ③ modified acrylic
- ④ release liner



Technical data	9708 SPT HA	9711 SPT HA	9904 SPT HA	9908 SPT HA	9911 SPT HA
Adhesive	acrylic mass page 1: heat-activated page 2: modified	acrylic mass page 1: heat-activated page 2: modified	acrylic mass page 1: heat-activated page 2: modified	acrylic mass page 1: heat-activated page 2: modified	acrylic mass page 1: heat-activated page 2: modified
Colors	gray	gray	gray	gray	gray
Thickness	0.8 mm	1.1 mm	0.5 mm	0.9 mm	1.1 mm
Covering	siliconized film, red	siliconized film, red	siliconized film	siliconized film	siliconized film
Elongation at break	450%	500%	600%	450%	500%
Tensile strength	13 N/25 mm	15 N/25 mm	10 N/25 mm	20 N/25 mm	30 N/25 mm
Adhesion to steel*	100 N/25 mm	100 N/25 mm	50 N/25 mm	60 N/25 mm	70 N/25 mm
Adhesion to acrylic paint*	55 N/25 mm	60 N/25 mm	27 N/25 mm	55 N/25 mm	60 N/25 mm
Adhesion to EPDM*	100 N/25 mm	100 N/25 mm	100 N/25 mm	100 N/25 mm	100 N/25 mm
Temperature range	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C

\* 90 °C peel-off after 72 h, reinforced with aluminum



# Coroplast – Production sites for technical tapes



## Germany, Wuppertal

Coroplast Fritz Müller GmbH & Co. KG  
Wittener Straße 271  
42279 Wuppertal, Germany  
T +49 202 2681 221  
F +49 202 2681 380  
tapes@coroplast.de  
www.coroplast.de

## USA, Rock Hill

Coroplast Tape Corporation  
1230 Galleria Boulevard  
Rock Hill, SC 29730  
T +1 803 207 8334  
tapes@coroplast.us  
www.coroplast.us

## China, Kunshan

Coroplast Harness Technology Co., Ltd.  
299 Yuyang Road  
Plainvim Industrial Park  
215300 Kunshan, Jiangsu Province  
T +86 512 3665 0600 ext. 1000  
F +86 512 3665 0603  
tapes@coroplast.cn  
www.coroplast.cn

## Other Coroplast production sites

China: Taicang . Mianyang

Poland: Krapkowice . Dylaki . Strzelce Opolskie

Tunisia: El Kef . Hammamet

Mexico: Acámbaro

All of our products are the result of thorough research and are the latest state-of-the-art technology. We provide data and technical application notes for their intended use to the best of our knowledge, but without guarantee. In special cases you should conduct your own tests to determine which of our products should be used. The technical data provided in this catalog represent standard values and are not suitable for adoption in technical and delivery specifications. As a rule, they represent typical mean values

without fluctuation margins. We expressly reserve the right to make technical modifications to all of our products. In individual cases, please request the technical specification sheet.

No part of this catalog (text or images) may be reproduced without prior written permission from Coroplast. The data contained in this document is merely illustrative and non-binding. All rights reserved worldwide. We do not assume any liability for printing errors.

*Keeping you connected.*



