



# Technical Adhesive Tapes

Fastening And Joining  
Tape Systems

*Coroplast*  
— tape

# Coroplast adhesive tapes – experience and innovation from one single source

In our 90-year history, Coroplast has been constantly evolving. We have grown from purely being a manufacturer of insulating tapes to being a highly skilled provider of technical adhesive tapes. Due to our specialised know-how, we know that adhesive tapes can be used in many different applications. Adhesive-based solutions are often the more sustainable, efficient and the more cost-effective alternative when it comes to fastening and joining materials and functional parts.

What is the advantage of choosing us? By both developing and producing our tapes in-house, you will receive both product expertise and high-quality material from one single source. Our product range includes single- and double-sided adhesive tapes, either coated or laminated with our continuously optimized adhesives:

- › hot-melt acrylic adhesive,
- › synthetic rubber adhesive,
- › dispersion- and solvent acrylic adhesive (also available in modified form)
- › or self-adhesive acrylic masses.

To be able to fulfil your individual request, we are specialised in developing customised adhesive solutions with and for you. When introducing our adhesive tapes into your process, we will be there supporting you, every step of the way. Only this way we can guarantee an efficient and stable transition, when implementing this new step into your process.

Coroplast is an independent, family-run and successful company, with international operations. The Adhesive Tapes Division has production plants and distribution centres on three

continents and operates with a global network of distributors. Not only do we have the largest German and international OEMs from the automotive industry and their suppliers among our long-term customers, we can also count on our customers from the building and construction-, white goods and furniture-, mechanical engineering-, HVAC-, and the windows and doors industry.

Our convictions and values – our pioneering mentality, desire to strive for technical improvements and our ability to move quickly – are the reasons why Coroplast is consistently able to develop new solutions and products, not only for the broad market but also individual customers, such as:

- › the shift towards environmentally friendly, solvent-free adhesive and hot-melt acrylic systems,
- › the use of hot-melt technology in new products,
- › numerous patent registrations and
- › the continual development of the product range towards special products for specific, customer-oriented applications

It goes without saying that Coroplast is certified in accordance with IATF 16949 (incl. ISO 9001), ISO 14001 and ISO 50001.

If you are already familiar with us, you may agree: We are not only curious enough, but also courageous enough to go down new paths. We want to be the pioneers for all specialised adhesive applications in selected industries.



# 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 foams
- › UV cross-linked acrylic
- › Synthetic rubber
- › Solvent-based acrylic
- › Dispersion acrylic

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



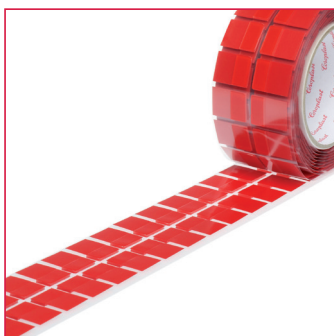
## **Rolls:**

You can order our tapes on single rolls with a range of core diameters (standard 3") and lengths – with additional extended 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 extended 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 extended liners.

**We manufacture to meet your individual requirements. Furthermore, we offer technical support for your application and are happy to help 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!**

# Coroplast 4000 series

Subseries 4200, 4210, 4230:

Double-sided foam adhesive tapes with UV 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 low emission
- › 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, rigid PVC) and smooth wood
- › Very good initial tack and final adhesion
- › High ageing and 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	4208	4213	4218	4231
Carrier	PE foam	PE foam	PE foam	PE foam
Colors	white	white	white, anthracite	white, anthracite
Adhesive	UV acrylic	UV acrylic	UV acrylic	UV acrylic
Carrier thickness	3.0 mm	2.0 mm	1.5 mm	1.0 mm
Total thickness	3.1 mm	2.1 mm	1.6 mm	1.1 mm
Liner	siliconized film, white or release paper, white	siliconized film, red or release paper, white	siliconized film, red or release paper, white	siliconized film, blue or release paper, white
Elongation at break	200 %	300 %	200 %	300 %
Tensile strength	24 N/cm	16 N/cm	12 N/cm	10 N/cm
Adhesion on steel *	16 N/cm*	12 N/cm*	10 N/cm*	10 N/cm*
Shear strength**	700 min	600 min	1,200 min	4,400 min
Temperature range	-40 to +90 °C	-40 to +90 °C	-40 to +90 °C	-40 to +90 °C

## Product suitability

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

## Typical applications

Indoor application	x	x	x	x
Outdoor application	x	x	x	x
Signs, emblems, covers	x	x	x	x
Furniture trim, window bars	x	x	x	x
Mirror				
Gaskets	x	x	x	x
Profiles	x	x	x	x

\* Foam split; \*\* 23 °C, 1 kg, 625 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, rigid 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	4250	4251	4257 F
Carrier	PE foam	PE foam	PE foam	PE foam	PE foam
Colors	4240: white 4245: anthracite	4242: white 4247: anthracite	black	black	black
Adhesive	solvent-based acrylic	solvent-based acrylic	solvent-based acrylic	solvent-based acrylic	solvent-based acrylic
Carrier thickness	1.0 mm	1.5 mm	0.8 mm	0.4 mm	2.0 mm
Total thickness	1.1 mm	1.6 mm	0.9 mm	0.5 mm	2.2 mm
Liner	siliconized film, green or release paper, white	siliconized film, green or release paper, white	siliconized film, green or release paper, white	siliconized film, green or release paper, white	siliconized film, green
Elongation at break	300 %	200 %	500 %	500 %	350 %
Tensile strength	10 N/cm	12 N/cm	30 N/cm	15 N/cm	40 N/cm
Adhesion on steel	10 N/cm*	10 N/cm*	10 N/cm	8 N/cm	8 N/cm
Shear strength**	> 10,000 min	> 10,000 min	> 10,000 min	> 10,000 min	> 10,000 min
Temperature range	-40 to +90 °C	-40 to +90 °C	-40 to +120 °C	-40 to +120 °C	-40 to +100 °C

## Product suitability

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

## Typical applications

Indoor application	x	x	x	x	x
Outdoor application	x	x	x	x	x
Signs, emblems, covers	x	x	x	x	x
Furniture trim, window bars	x	x	x	x	x
Mirror	x				
Gaskets	x	x	x	x	x
Profiles	x	x	x	x	x

\* Foam split; \*\* 23 °C, 1 kg, 625 mm<sup>2</sup>

# Coroplast 4000 series

Subseries 4280, 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, rigid 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	4281	4282	4290 P, 4295 P	4291 P	4297 P
Carrier	PE foam	PE foam	PE foam	PE foam	PE foam
Colors	white, anthracite	black	4290 P: white 4295 P: anthracite	white	white
Adhesive	synthetic rubber adhesive	synthetic rubber adhesive	synthetic rubber adhesive	synthetic rubber adhesive	synthetic rubber adhesive
Carrier thickness	0.9 mm	0.4 mm	1.0 mm	0.8 mm	1.6 mm
Total thickness	1.0 mm	0.5 mm	1.1 mm	0.9 mm	1.7 mm
Liner	siliconized film, red or release paper, white	release paper, white	release paper, white	siliconized film, blue or release paper, white	release paper, white
Elongation at break	300 %	300 %	200 %	330 %	200 %
Tensile strength	18 N/cm	15 N/cm	10 N/cm	10 N/cm	12 N/cm
Adhesion to steel	20 N/cm*	25 N/cm*	10 N/cm*	12 N/cm*	10 N/cm*
Shear strength**	> 10,000 min	> 10,000 min	> 10,000 min	> 10,000 min	> 10,000 min
Temperature range	-40 to +90 °C	-40 to +90 °C	-40 to +70 °C	-40 to +70 °C	-40 to +70 °C

## Product suitability

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

## Typical applications

Indoor application	x	x	x	x	x
Outdoor application					
Signs, emblems, covers	x	x	x	x	x
Furniture trim, window bars	x	x	x	x	x
Mirror				x	
Profiles	x	x	x	x	x
Mirror				x	
Profiles	x	x		x	x

\* Foam split; \*\* 23 °C, 1 kg, 625 mm<sup>2</sup>

# Coroplast 5000 series

## Subseries 5100: PUR foam adhesive tapes

### Applications, advantages and properties

- › Single-sided polyurethane foam adhesive tapes for wrapping and covering wire harnesses
- › Suitable for noise dampening caused by rattles and vibration in the transportation industry
- › Apart from the transportation industry it can be used in the furniture and lighting, concrete processing and air-filter construction industries
- › Reinforced with bonded/non-woven fabric
- › Easily compressible
- › Good tear resistance

Technical data	5170	5173
Carrier	PUR foam, reinforced with PET scrim	PUR foam, reinforced with PET scrim
Colors	anthracite	anthracite
Adhesive	UV acrylic	UV acrylic
Thickness	4.0 mm	3.0 mm
Liner	release paper, honey	release paper, honey
Elongation at break	30 %	30 %
Tensile strength	12 N/cm	12 N/cm
Adhesion to steel	14 N/cm	14 N/cm
Temperature range	-40 to +125 °C	-40 to +125 °C

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

Typical applications		
Indoor application	x	x
Outdoor application	x	x
Gaskets	x	x
Sound dampening	x	x

# Coroplast 5000 series

Subseries 5400: Semi-closed-celled EPDM foam adhesive tapes

Subseries 5500: Closed-celled EPDM foam adhesive tapes

Subseries 5700: Microcellular High Compression Foam adhesive tapes

## Subseries 5400

- › Single-sided EPDM foam adhesive tape for special cushioning and damping applications
- › Highly compressible
- › Soft elastic
- › Low-emission, solvent-free acrylic adhesive
- › Suitable for indoor and outdoor use
- › Very high resistance against temperature, weathering and fluids
- › High UV and ozone resistance
- › Additionally reinforced with PET film

## Subseries 5500

- › Single-sided EPDM foam adhesive tape for special sealing applications
- › Suitable for applications with re-occurring pressure due to its low compression set
- › Soft elastic
- › Low-emission, solvent-free acrylic adhesive
- › Suitable for indoor and outdoor use
- › Very high resistance against temperature, weathering and fluids
- › High UV and ozone resistance
- › Sulphur-free on request (e.g. LED applications)
- › Additionally reinforced with PET film

## Subseries 5700

- › Microcellular High Compression Foam (HCF) for sealing and cushioning in the automotive industry
- › Extreme conformability to the joint pattern
- › Low-stress relaxation
- › Good drapeability
- › High durability

Technical data	5430	5516	5530	5735 HCF	5750 HCF
Carrier	closed-celled EPDM foam, reinforced with 12µm PET film	closed-celled EPDM foam, reinforced with 12µm PET film	closed-celled EPDM foam, reinforced with 12µm PET film	Microcellular PUR foam, reinforced with 12µm polyester film	Microcellular PUR foam, reinforced with 12µm polyester film
Colors	black	black	black	black	black
Adhesive	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic
Thickness	3.0 mm	1.8 mm	3.2 mm	3.3 mm	5.0 mm
Liner	release paper, white	release paper, white	release paper, white	release paper	release paper
Elongation at break	80 %	80 %	80 %	n.a.	n.a.
Tensile strength	30 N/cm	30 N/cm	30 N/cm	n.a.	n.a.
Adhesion on steel	6 N/cm	6 N/cm	6 N/cm	9 N/cm	8 N/cm
Density	90 kg/m³	170 kg/m³	150 kg/m³	240 kg/m³	240 kg/m³
Temperature range	-40 to +125 °C	-40 to +125 °C	-40 to +125 °C	-40 to +90 °C	-40 to +90 °C

## Product suitability

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

## Typical applications

Indoor application	x	x	x	x	x
Outdoor application	x	x	x	x	x
Gasket		x	x	x	x
Cushioning	x	x	x	x	x
Sound dampening	x	x	x	x	x

# 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, rigid PVC, PP, PE)
- › Can be supplied in converter rolls, single rolls, or depending on size

Technical data	6001	6031	6094
Carrier	none	none	none
Adhesive	UV acrylic	UV acrylic	synthetic rubber
Thickness	0.06 mm	0.06 mm	0.06 mm
Liner	release paper, white	release paper, white	release paper, white
Adhesion to steel	7 N/cm	10 N/cm	20 N/cm
Shear strength*	> 10,000 min	5,000 min	10,000 min
Temperature range	-40 to +100 °C	-40 to +100 °C	-40 to +70 °C

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			
Rigid PVC	x	x	x
Pre-treated wood	x	x	x

Typical applications			
Indoor application	x	x	x
Outdoor application	x	x	x
Fabrics, fleece, textiles	x	x	x
Foams	x	x	x

\* 23 °C, 1 kg, 625 mm²

# Coroplast 7000 series

Subseries 7210, 7230 Double-sided adhesive tapes with UV 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 low emission
- › 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
- › Further constructions available on demand

Technical data	7204	7211	7212	7213	7232
Carrier	PET film, 12 µm transparent	PET film, 12 µm transparent	PET film, 12 µm transparent	scrim, white	PET film, 12 µm transparent
Adhesive	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic
Thickness	0.08 mm	0.20 mm	0.10 mm	0.13 mm	0.18 mm
Covering	release paper, white	release paper, white	release paper, white	release paper, honey	release paper, white
Elongation at break	110 %	110 %	110 %	n.a.	110 %
Tensile strength	25 N/cm	25 N/cm	25 N/cm	n.a.	25 N/cm
Adhesion to steel	10 N/cm	10 N/cm	8 N/cm	13 N/cm	17 N/cm
Shear strength*	1,500 min	1,500 min	5,000 min	150 min	5,000 min
Temperature range	-40 to +100 °C	-40 to +100 °C	-40 to +100 °C	-40 to +80 °C	-40 to +100 °C

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

Typical applications					
Indoor application	x	x	x	x	x
Outdoor application	x	x	x	x	x
Signs, emblems, covers	x	x	x	x	x
Fabrics, fleece, textiles	x	x	x	x	x
Foams	x	x	x	x	x
Profiles	x	x	x	x	x

\* 23 °C, 1 kg, 625 mm<sup>2</sup>

# Coroplast 7000 series

Subseries 7265, 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	7265	7280	7282
Carrier	PET film, 12 µm, transparent	tissue	PET film, 12 µm
Adhesive	acrylic, modified	dispersion acrylic	synthetic rubber
Thickness	0.20 mm	0.10 mm	0.13 mm
Liner	siliconized film, light-red or release paper, honey"	release paper, honey	release paper, white
Elongation at break	40 %	6 %	100 %
Tensile strength	15 N/cm	10 N/cm	25 N/cm
Adhesion on steel	11 N/cm	7 N/cm	25 N/cm
Shear strength*	> 6,000 min	400 min	> 10,000 min
Temperature range	-40 to +120 °C	-40 to +80 °C	-40 to +90 °C

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

Typical applications			
Indoor application	x	x	x
Outdoor application	x		
Signs, emblems, covers	x		x
Fabrics, fleece, textiles	x	x	x
Foams	x	x	x
Profiles	x	x	x

\* 23 °C, 1 kg, 625 mm²

# Coroplast 9000 SPT 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 9030 SPT

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

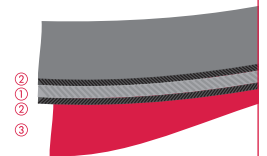
- › Automotive industry
- › Aerospace and shipping industry
- › Windows and wall paneling
- › Advertising and displays
- › Furniture industry
- › Electronics industry
- › Electrical appliances
- › Windows and doors

## 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)



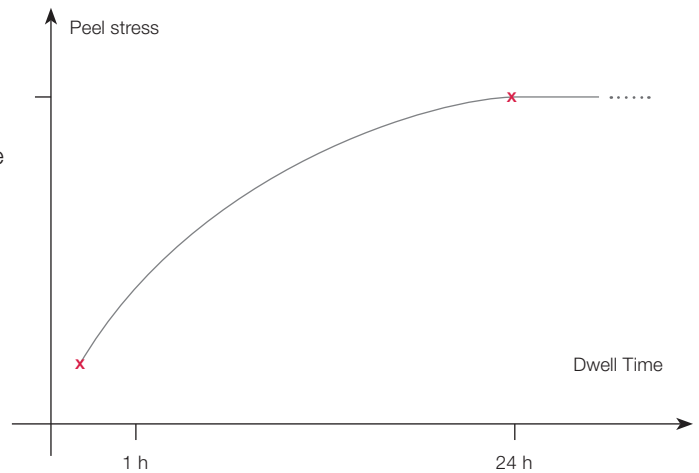
## The performance profile of the Series 9000 SPT includes the following aspects:

- › 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

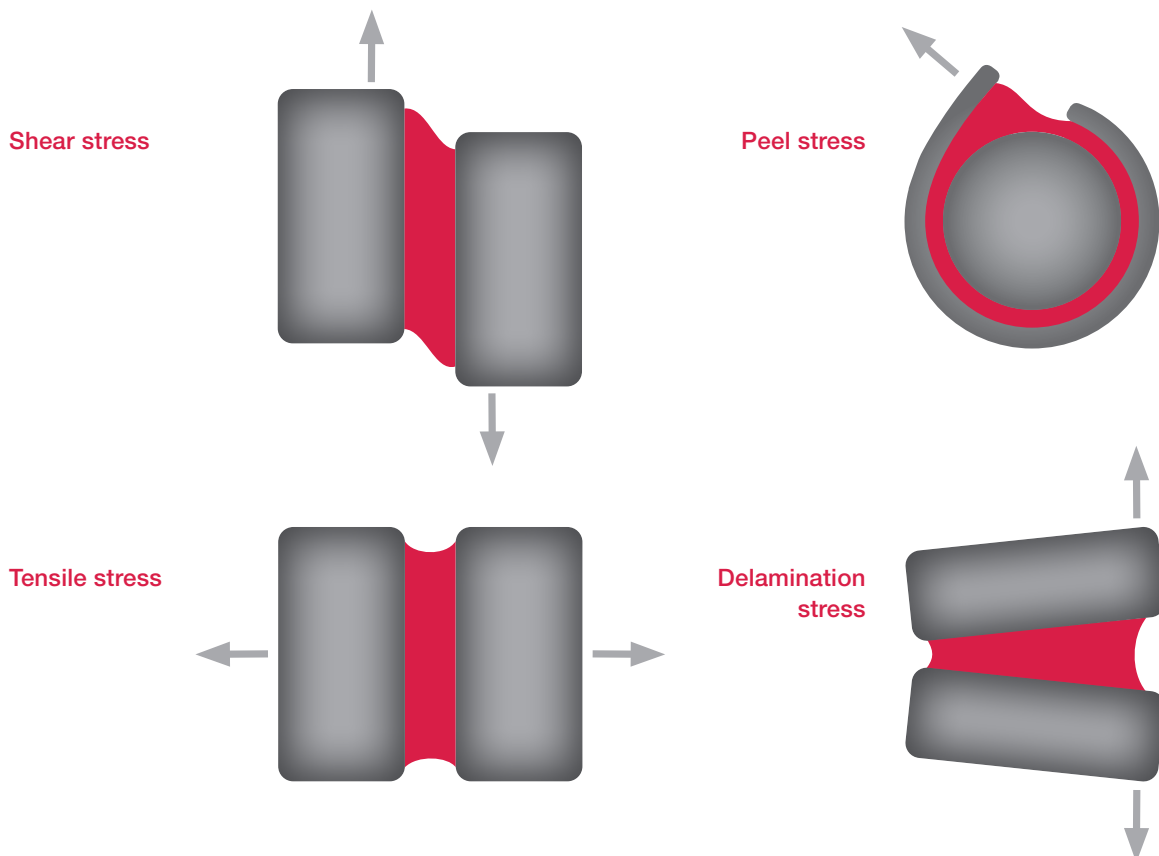
#### Application information:

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 (nevertheless peel and delamination stress should be avoided by construction):

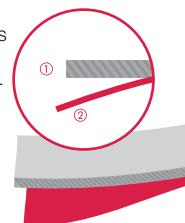


# Coroplast 9000 SPT series

## 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



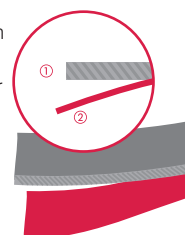
Technical data	9001 SPT	9002 SPT	9003 SPT	9005 SPT	9010 SPT	9015 SPT	9020 SPT	9030 SPT	9040 SPT
Adhesive	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass
Colors	transparent	transparent	transparent	transparent	transparent	transparent	transparent	transparent	transparent
Thickness	0.05 mm	0.13 mm	0.25 mm	0.05 mm	1.0 mm	1.5 mm	2.0 mm	3.0 mm	4.0 mm
Liner	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 %	700 %	700 %
Tensile strength	n.a.	n.a.	n.a.	9 N/cm	11 N/cm	23 N/cm	23 N/cm	29 N/cm	34 N/cm
Adhesion on steel	14 N/cm	16 N/cm	18 N/cm	24 N/cm	28 N/cm	33 N/cm	33 N/cm	33 N/cm	30 N/cm
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 +160 °C	-40 to +160 °C	-40 to +160 °C	-40 to +160 °C	-40 to +160 °C	-40 to +160 °C	-40 to +160 °C	-40 to +160 °C	-40 to +160 °C

\* 23 °C, 1 kg, 625 mm<sup>2</sup>

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

- › Highly elastic, closed-cell, gray acrylic foam 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 foam gray
- ② release liner



Technical data	9104 SPT	9108 SPT	9111 SPT	9115 SPT	9123 SPT
Adhesive	acrylic foam	acrylic foam	acrylic foam	acrylic foam	acrylic foam
Colors	gray	gray	gray	gray	gray
Thickness	0.4 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 paper, white or PE film, red
Elongation at break	750 %	750 %	750 %	750 %	750 %
Tensile strength	5 N/cm	10 N/cm	15 N/cm	20 N/cm	22 N/cm
Adhesion on steel	25 N/cm	37 N/cm	37 N/cm	38 N/cm	35 N/cm
Shear strength*	> 10,000 min	> 10,000 min	> 10,000 min	> 10,000 min	> 10,000 min
Temperature range	-40 to +160 °C	-40 to +160 °C	-40 to +160 °C	-40 to +160 °C	-40 to +160 °C

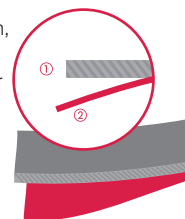
\* 23 °C, 1 kg, 625 mm<sup>2</sup>

# Coroplast 9000 SPT series

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

- › Highly elastic, closed-cell, white acrylic foam 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 foam, white
- ② release liner



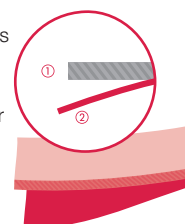
Technical data	9306 SPT	9311 SPT
Adhesive	acrylic foam	acrylic foam
Colors	white	white
Thickness	0.6 mm	1.1 mm
Liner	PE film, red	PE film, red
Elongation at break	750 %	750 %
Tensile strength	7 N/cm	15 N/cm
Adhesion on steel	22 N/cm	26 N/cm
Shear strength*	> 10,000 min	> 10,000 min
Temperature range	-40 to +160 °C	-40 to +160 °C

\* 23 °C, 1 kg, 625 mm<sup>2</sup>

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

- › Colored, translucent adhesive tape made of a highly elastic acrylic 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 colouring 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



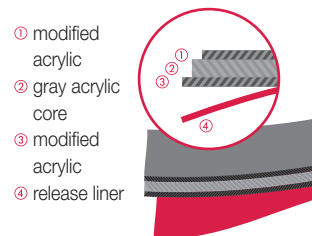
Technical data	9404 SPT	9410 SPT
Adhesive	acrylic mass	acrylic mass
Colors	black-translucent, blue-translucent, red translucent	black-translucent, blue-translucent, red translucent
Thickness	0.4 mm	1.0 mm
Liner	PE film, red	PE film, red
Elongation at break	750 %	750 %
Tensile strength	9 N/cm	11 N/cm
Adhesion on steel	18 N/cm	28 N/cm
Shear strength*	> 10,000 min	> 10,000 min
Temperature range	-40 to +160 °C	-40 to +160 °C

\* 23 °C, 1 kg, 625 mm<sup>2</sup>

# Coroplast 9000 SPT series

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

- › Modified acrylic foams 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



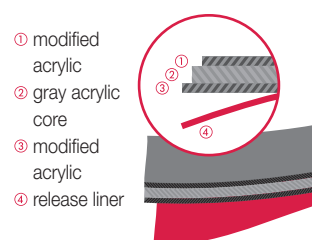
example of the product structure (schematic) of Coroplast 9915 SPT

Technical data	9904 SPT	9908 SPT	9911 SPT	9915 SPT	9930 SPT
Adhesive	acrylic foam, modified	acrylic foam, modified	acrylic foam, modified	acrylic foam, modified	acrylic foam, modified
Colors	gray	gray	gray	gray	gray
Thickness	0.5 mm	0.9 mm	1.2 mm	1.6 mm	3.1 mm
Liner	siliconized film, green	siliconized film, green	siliconized film, green	siliconized film, green	siliconized film, green
Elongation at break	750 %	750 %	750 %	750 %	650 %
Tensile strength	6 N/cm	10 N/cm	16 N/cm	20 N/cm	22 N/cm
Adhesion on steel *	30 N/cm	33 N/cm	36 N/cm	38 N/cm	60 N/cm
Temperature range	-40 to +120 °C	-40 to +120 °C	-40 to +120 °C	-40 to +120 °C	-40 to +120 °C

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

## Subseries 9600: High-performance adhesive acrylic foam tapes, expanded

- › Expanded closed-celled acrylic mass tape with outstanding bonding performance
- › For bonding automotive trim parts, e.g. bodyside mouldings, name plate, kick plate, bumper sensors, industrial applications, home appliances and electronic devices
- › Compressible – high flexibility and excellent compensation of permanent tension
- › Conformability, drapability on curved body contours
- › Suitable for a wide range of materials: HSE, LSE plastics, metal, glass, paintings, powder coated parts
- › Multi-purpose tape for indoor and outdoor use
- › Outstanding adhesion and shear strength values
- › Can be supplied as converter roll, single roll or level wound spool

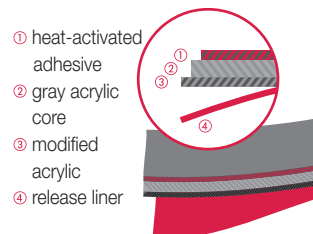


Technical data	9608 SPT	9611 SPT
Adhesive	acrylic foam, expanded	acrylic foam, expanded
Colors	gray	gray
Thickness	0.8 mm	1.1 mm
Liner	siliconized film	siliconized film
Elongation at break	500 %	500 %
Tensile strength	5 N/cm	8 N/cm
Adhesion on steel *	>30 N/cm **	>30 N/cm **
Temperature range	-40 to +120 °C	-40 to +120 °C

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

## 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



Technical data	9708 SPT HA
Adhesive	heat-activated adhesive
Colors	gray
Thickness	0.8 mm
Covering	release film
Elongation at break	450 %
Tensile strength	25 N/cm
Adhesion on steel*	40 N/cm
Temperature range	–40 to +120 °C

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

# Coroplast 1600 SPS / 1700 SPS series – high-performance sealing tapes

Extremely adaptable sealing tapes for the construction industry

Whether (rough) plaster, concrete, roof tar, OSB, wood, EPS, XPS, PIR and much more – all new SPS sealing tapes have a high adhesive strength. They stick securely to a wide variety of surfaces. At the same time, the acrylic mass reliably coats even very rough surfaces, as the adhesive flows into the roughness and interlocks with the substrate.

## Coroplast 1655 SPS, 1665 SPS: High-performance sealing tape

- › Highly transparent, pure acrylic sealant with a special multilayer carrier used for sealing operations against fluids and moisture
- › Effective barrier against fluids and moisture is given
- › High flexibility and optimal sealing properties
- › Excellent adhesion and sealing to various smooth and rough surfaces
- › UV and weather resistance
- › Excellent ageing resistance
- › Cold resistance
- › Halogen-free
- › Good abrasion resistance of carrier
- › Supply in rolls with various widths available on request
- › Patented sealant technology
- › Clean processing

Technical data	1655 SPS	1665 SPS
Sealing mass	acrylic	acrylic
Colors	silver	silver
Carrier	special 2-ply laminate of aluminum and thermolastic films	special 4-ply laminate of aluminum and thermolastic films
Thickness	0.5 mm	1.55 mm
Liner	PE film	PE film
Elongation at break	45 %	100 %
Tensile strength	55 N/cm	90 N/cm
Adhesion to steel*	11 N/cm	11 N/cm
Adhesion to limestone*	27 N/cm**	27 N/cm**
Temperature range	–40 to +150 °C	–40 to +150 °C

\*only adhesive film without carrier was tested, \*\* cohesive break of the adhesive

## Coroplast 1720 SPS, 1721 SPS: Sealing film tape

- › Single-sided adhesive tapes with a very high coating weight
- › Suitable for sealing purposes, due to their thick adhesive
- › For bonding to rough surfaces
- › Extremely high adhesion to various surfaces
- › Good compatibility to many rough surfaces
- › Excellent ageing resistance
- › Very good water vapor resistance
- › Outstanding sealing properties
- › Halogen-free
- › Patented sealant technology
- › Clean processing

Technical data	1720 SPS	1721 SPS
Carrier	UV resistant PP film	UV resistant PP film
Adhesive	acrylic	acrylic
Colors	black	black
Thickness	1.1 mm	0.6 mm
Liner	release paper	release paper
Elongation at break	800 %	800 %
Tensile strength	17 N/cm	17 N/cm
Adhesion to steel*	11 N/cm	11 N/cm
Adhesion to limestone*	27 N/cm**	27 N/cm**
Temperature range	–40 to +120 °C	–40 to +120 °C

\*only adhesive film without carrier was tested, \*\* cohesive break of the adhesive

# Coroplast 90700 SPS series – high-performance sealing

## Extraordinary performance for self-adhesive sealings

The superior performance sealing mass (SPS) is a unique combination, because it unites the advantages of liquid adhesives and adhesive tapes.

Coroplast SPS sticks without any setting time and shows highly elastic, transparent and plastic properties during processing. On the other hand it can be applied clean and easy from the roll. Therefore, Coroplast SPS is the perfect alternative product to butyl rubber sealing tapes. The sealing effect is similar, but the resistance against fluids and temperature is incomparably higher.

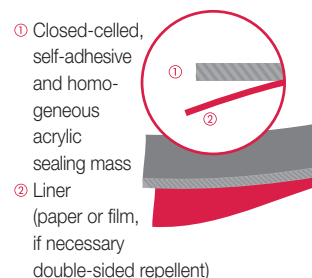
### Coroplast SPS series – as diverse as its application areas in e.g.:

- › Automotive industry
- › Window and door industry
- › Building and construction (HVAC)
- › Glass and facade construction
- › Shipbuilding
- › Electronic industry (splices)
- › White goods industry

### Typical surfaces to bond or seal:

- › Plaster, concrete, stone
- › Insulating foams such as XPS
- › Steel, aluminium
- › Ceramic
- › Glass
- › Polystyrene
- › Wood, OSB
- › Polyolefine plastics such as PE, PP

- › Highly elastic, plastic sealing, made of highly transparent acrylic adhesive with outstanding adaptability to its bonding partners
- › Universal usage, indoor and outdoor
- › Also available in colors
- › Excellent temperature range
- › Processible from –20 °C
- › Outstanding initial adhesion (tack)
- › Replaces liquid sealings and adhesives due to eliminated setting time
- › Outclasses common sealing masses (e.g. butyl rubber) in transparency and media resistance
- › Can be supplied as single roll or die-cut part, level-wound spools on request



Technical data	90705 SPS	90710 SPS	90715 SPS	90730 SPS
Sealing mass	acrylic	acrylic	acrylic	acrylic
Colors	transparent, blue-translucent	transparent, blue-translucent	transparent, blue-translucent	transparent, blue-translucent
Thickness	0.5 mm	1.0 mm	1.5 mm	3.0 mm
Liner	release film, transparent	release film, transparent	release film, transparent	release film, transparent
T-block tensile strength on aluminum	32 n/cm <sup>2</sup>	26 n/cm <sup>2</sup>	32 n/cm <sup>2</sup>	n.a.
Temperature range*	–40 to +150 °C	–40 to +150 °C	–40 to +150 °C	–40 to +150 °C

\* covered and glued



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