

Adhesives & Cleaning Agents

Hranipex

EXPECT MORE.

Adhesives

EVA Hot Melt Adhesives

PO Hot Melt Adhesives

PUR Hot Melt Adhesives

Dispersion and Flat Area Adhesives

Contact Adhesives & Accessories

Adhesive Tapes & Accessories

Assembly and Construction Adhesives

Cleaning Agents

Cleaning Agents Hranipex

Adhesives



EVA Hot Melt Adhesives

Hranitherm Granules

- Transparent [non-filled] adhesives
- Slightly filled adhesives



Hranitherm

	Transparent [non-filled] adhesives				Slightly filled adhesives	
	608.30 transparent 608.31 white	603.00 transparent 603.01 white	300.58 transparent 301.58 white	600.30 transparent 600.31 white 600.39 black	628.10 natural	600.70 natural 600.71 white 600.79 black
Technical information	 	 	 	  		  
Packing	5; 20 kg	5; 20 kg	25 kg	5; 20 kg	20 kg	5; 25 kg
Base	EVA non-filled	EVA non-filled	EVA non-filled	EVA non-filled	EVA slightly filled	EVA slightly filled
Softening range [ring and ball]	92 - 102 °C	105 - 115 °C	105 °C	105 - 115 °C	110 - 120 °C	100 °C
Operating temperature	190 - 220 °C	190 - 220 °C	180 - 200 °C	180 - 200 °C	190 - 210 °C	190 - 210 °C
Operating speed	4 - 8 m/min	8 - 30 m/min	> 10 m/min	12 - 30 m/min	8 - 40 m/min	10 - 60 m/min
Density at 20 °C	1.00 g/cm³	1.00 g/cm³	1,00 g/cm³	1.05 g/cm³	1.09 g/cm³	1.16 g/cm³
Viscosity at 200 °C	Approx. 50 000 - 70 000 mPa·s	Approx. 60 000 - 85 000 mPa·s	Approx. 83.000 mPa·s	Approx. 50 000 - 80 000 mPa·s	140.000 - 170.000 mPa·s	Approx. 50 000 - 80 000 mPa·s
Application field						
ABS, PVC and PP edging with a primer	• • •	• • •	• • •	• • •	• • •	• • •
Veneer edging	• • •	• • •	• • •	• • •	• • •	• • •
Melamine edging	• • •	• • •	• • •	• • •	• • •	• • •
Edging of solid wood	• • •	• • •	• • •	• • •	• • •	• • •
Softforming	• • •	• • •	• • •	• • •	• • •	• • •
CNC shaped edging	• • •	• • •	• • •	• • •	• • •	• • •
Manual shaped edging	• • •	• • •	• • •	• • •	• • •	• • •
HOLZ-HER cartridge devices	×	×	×	×	×	×

EVA Hot Melt Adhesives

Hranitherm Granules

- Medium filled adhesives
- Filled adhesives



Hranitherm

	Medium filled adhesives			Filled adhesives	
	608.80 natural	600.64 natural 609.64 black	617.00 natural 617.01 white	600.10 natural	600.11 white 600.18 brown 600.19 black
Technical information		 	 		  
Packing	5; 25 kg	600.64 - 5; 25 kg 609.64 - 25 kg	5; 25 kg	5; 25; 900 kg	5; 25 kg
Base	EVA filled	EVA filled	EVA filled	EVA filled	EVA filled
Softening range [ring and ball]	93 - 100 °C	100 - 110 °C	92 - 102 °C	95 °C	95 - 110 °C
Operating temperature	190 - 220 °C	190 - 210 °C	190 - 210 °C	190 - 210 °C	200 - 220 °C
Operating speed	4 - 8 m/min	10 - 50 m/min	10 - 50 m/min	10 - 50 m/min	10 - 50 m/min
Density at 20 °C	1.25 g/cm³	1.38 g/cm³	1.30 g/cm³	1.53 g/cm³	1.53 g/cm³
Viscosity at 200 °C	Approx. 40 000 - 65 000 mPa·s	Approx. 55 000 - 80 000 mPa·s	Approx. 55 000 - 75 000 mPa·s	Approx. 65 000 - 80 000 mPa·s	Approx. 80 000 - 110 000 mPa·s
Application field					
ABS, PVC and PP edging with a primer	• • •	• • •	• • •	• • •	• • •
Veneer edging	• • •	• • •	• • •	• • •	• • •
Melamine edging	• • •	• • •	• • •	• • •	• • •
Edging of solid wood	• • •	• • •	• • •	×	×
Softforming	• • •	• • •	• • •	• • •	• • •
CNC shaped edging	• • •	×	• • •	×	×
Manual shaped edging	• • •	×	• • •	×	×
HOLZ-HER cartridge devices	×	×	×	×	×

EVA Hot Melt Adhesives

Hranitherm Granules

- Adhesives with a low melting temperature



Hranitherm

	Adhesives with a low melting temperature	
	605.20 natural 605.21 white	600.20 natural 600.21 white
Technical information		
Packing	5; 25 kg	5; 25 kg
Base	EVA filled	EVA filled
Softening range [ring and ball]	79 - 83 °C	85 - 90 °C
Operating temperature	140 - 160 °C	160 - 180 °C
Operating speed	8 - 15 m/min	8 - 15 m/min
Density at 20 °C	1.27 g/cm³	1.35 g/cm³
Viscosity at 200 °C	10 000 - 14 000 mPa·s	Approx. 18 000 - 28 000 mPa·s

ABS, PVC and PP edging with a primer	● ● ●	● ● ●
Veneer edging	● ● ●	● ● ●
Melamine edging	● ● ●	● ● ●
Edging of solid wood	● ● ●	● ● ●
Softforming	● ● ●	● ● ●
CNC shaped edging	×	×
Manual shaped edging	● ● ●	● ● ●
HOLZ-HER cartridge devices	×	×

P0 Hot Melt Adhesives

Hranitherm Granules



Hranitherm

	600.58 natural 601.58 white
Technical information	
Packing	25 kg
Base	P0 slightly filled
Softening range [ring and ball]	155 - 165 °C
Operating temperature	190 - 220 °C
Operating speed	18 - 50 m/min
Density at 20 °C	1.15 g/cm³
Viscosity at 200 °C	60 000 - 80 000 mPa·s

ABS, PVC and PP edging with a primer	● ● ●
Veneer edging	● ● ●
Melamine edging	● ● ●
Edging of solid wood	● ● ●
Softforming	● ● ●
CNC shaped edging	● ● ●
Manual shaped edging	×
HOLZ-HER cartridge devices	×

EVA Hot Melt Adhesives

Hranitherm Cartridges

- Transparent [non-filled] adhesives
- Slightly filled adhesives
- Filled adhesives



Hranitherm

	Transparent [non-filled] adhesives	Slightly filled adhesives	Filled adhesives	Transparent [non-filled] adhesives	Slightly filled adhesives
	603.00 transparent 603.01 white	600.70 natural 600.71 white	600.00 natural 600.01 white	1000.30 transparent 1000.31 white	1000.70 natural 1000.71 white
Technical information					
Packing	1 cartridge; Box 6 kg [24 cartridges]	1 cartridge; Box 7.2 kg [24 cartridges]	1 cartridge; Box 8 kg [24 cartridges]	1 cartridge; Box 6 kg [72 cartridges]	1 cartridge; Box 7.2 kg [72 cartridges]
Base	EVA non-filled	EVA slightly filled	EVA filled	EVA non-filled	EVA slightly filled
Softening range [ring and ball]	105 - 115 °C	100 °C	95 - 105 °C	105 - 115 °C	100 °C
Operating temperature	190 - 210 °C	190 - 200 °C	200 - 220 °C	190 - 210 °C	190 - 200 °C
Operating speed	8 - 30 m/min	10 - 50 m/min	10 - 50 m/min	2 - 4 m/min	2 - 4 m/min
Density at 20 °C	1.00 g/cm³	1.16 g/cm³	1.39 g/cm³	1.00 g/cm³	1.16 g/cm³
Viscosity at 200 °C	60 000 - 85 000 mPa·s	Approx. 50 000 - 80 000 mPa·s	90 000 - 125 000 mPa·s	60 000 - 85 000 mPa·s	50 000 - 80 000 mPa·s

Application field

ABS, PVC and PP edging with a primer	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
Veneer edging	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
Melamine edging	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
Edging of solid wood	● ● ●	● ● ●	×	×	×
Softforming	×	×	×	×	×
CNC shaped edging	×	×	×	×	×
Manual shaped edging	×	×	×	×	×
HOLZ-HER cartridge devices	● ● ●	● ● ●	● ● ●	×	×
Festool cartridge devices	×	×	×	● ● ●	● ● ●

PUR Hot Melt Adhesives

Hranitherm Cartridges

- Transparent [non-filled] adhesives
- Slightly filled adhesives
- Filled adhesives



Hranitherm

	Transparent [non-filled] adhesives		Slightly filled adhesives		Filled adhesives	
	320 PUR LC transparent	830 PUR transparent	390 PUR LC natural 391 PUR LC white	860 PUR natural 861 PUR white	350 PUR natural 351 PUR white	850 PUR natural 851 PUR white
Technical information						
Packing	1.8 kg	2 kg	2 kg	2 kg	2.2 kg	2.5 kg
Base	PUR	PUR	PUR	PUR	PUR	PUR
Softening range [ring and ball]	×	×	×	×	×	×
Operating temperature	130 - 150 °C	130 - 150 °C	130 - 150 °C	140 - 160 °C	140 - 160 °C	140 - 160 °C
Operating speed	10 - 40 m/min	8 - 30 m/min	10 - 60 m/min	8 - 30 m/min	10 - 60 m/min	8 - 30 m/min
Density at 20 °C	1.10 g/cm³	1.10 g/cm³	1.20 g/cm³	1.20 g/cm³	1.30 g/cm³	1.30 g/cm³
Viscosity at 140 °C	Approx. 60 000 mPa·s	50 000 ± 15 000 mPa·s	Approx. 72 500 mPa·s	55 000 ± 15 000 mPa·s	Approx. 60 000 mPa·s	65 000 ± 15 000 mPa·s
Application field						
ABS, PVC and PP edging with a primer	• • •	• • •	• • •	• • •	• • •	• • •
Veneer edging	• • •	• • •	• • •	• • •	• • •	• • •
Melamine edging	• • •	• • •	• • •	• • •	• • •	• • •
Edging of solid wood	• • •	• • •	• • •	• • •	• • •	• • •
Softforming	• •	• •	• •	• •	• •	• •
CNC shaped edging	•	•	•	•	•	•
Manual shaped edging	×	×	×	×	×	×
HOLZ-HER cartridge devices	×	×	×	×	×	×

Diisocyanate content below 0,1 %

From August 24, 2023, appropriate training must be completed prior to the industrial or commercial use of PUR products containing more than 0.1% diisocyanate.

••• very suitable •• suitable • technically possible

PUR Hot Melt Adhesives

Hranitherm Mini-cartridges

- Transparent [non-filled] adhesives
- Slightly filled adhesives
- Filled adhesives



Hranitherm

	Transparent [non-filled] adhesives	Slightly filled adhesives		Filled adhesives
	10.830 PUR transparent	10.860 PUR natural 10.861 PUR white	10.390 PUR LC natural 10.391 PUR LC white	10.850 natural
Technical information				
Packing	1 kg	1 kg	1 kg	1 kg
Base	PUR	PUR	PUR	PUR
Softening range [ring and ball]	×	×	×	×
Operating temperature	130 - 150 °C	140 - 160 °C	130 - 150 °C	140 - 160 °C
Operating speed	8 - 30 m/min	8 - 30 m/min	8 - 30 m/min	8 - 30 m/min
Density at 20 °C	1.10 g/cm³	1.20 g/cm³	1.20 g/cm³	1.30 g/cm³
Viscosity at 140 °C	50 000 ± 15 000 mPa·s	55 000 ± 15 000 mPa·s	Approx. 72 500 mPa·s	65 000 ± 15 000 mPa·s
Application field				
ABS, PVC and PP edging with a primer	• • •	• • •	• • •	• • •
Veneer edging	• • •	• • •	• • •	• • •
Melamine edging	• • •	• • •	• • •	• • •
Edging of solid wood	• • •	• • •	• • •	• • •
Softforming	• •	• •	• •	• •
CNC shaped edging	•	•	•	•
Manual shaped edging	•	•	• •	• •
HOLZ-HER cartridge devices	×	×	×	×

Diisocyanate content below 0,1 %

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••• very suitable •• suitable • technically possible

Dispersion and Flat Area Adhesives

Dispersion Adhesives Hranipex



Hranicoll	Hranicoll D2	Hranicoll D3	Hranicoll D3E	Hranicoll D3 SMART	Hranicoll D3 Veneer
Technical information					
Packing	20*; 30 kg; IBC 1 100 kg	800 ml; 20 kg*	5; 10; 20*; 30 kg; IBC 1 050 kg	5; 10; 20*; 30 kg; IBC 1 100 kg	30 kg
Base	PVAc	PVAc	PVAc	PVAc	PVAc
According to Norm EN 204	D2	D3	D3	D3	D3
Open time in minutes at 20 °C	8 - 12	5 - 8	10 - 14	12 - 15	4 - 6
pH	4.4 - 5.0	3.2	2.6 - 3.2	5.0 ± 0.5	4.8 ± 0,3
Solids	42 ± 2 %	approx. 50 %	46 %	46 ± 1	50 ± 1 %
Viscosity (Brookfield 23 °C)	14 000 ± 2 000 mPa.s	12 000 ± 3 000 mPa.s	10 000 - 13 000 mPa.s	9 000 ± 1 500 mPa.s	14 000 ± 3 000 mPa.s
Application field					
Furniture bonding	• • •	• • •	• • •	• • •	• • •
Soft wood	• • •	• • •	• • •	• • •	• • •
Hardwood	• • •	• • •	• • •	• • •	• • •
Windows and doors	• • •	• • •	• • •	• • •	• • •
Flat gluing veneers, HPL	• • •	• • •	• • •	• • •	• • •
3D gluing in vacuum press	×	×	×	×	×
Automatic gluing wooden dowels	×	×	×	×	×

Product sensitive to low temperatures.
During the winter months, transport conditions are handled
on an individual basis to maintain the quality of the adhesive.

* The 20 kg units are heavy-duty canisters, suitable for rough handling.

Dispersion and Flat Area Adhesives

Dispersion Adhesives Hranipex



Hranicoll	Hranicoll D3 Standard	Hranicoll D4	Hranicoll DW	Hranicoll D3 Profi
Technical information				
Packing	30 kg; IBC 1 100 kg	800 ml; 5 kg; 20*; 25 kg	5; 20* kg	25 kg; IBC 1 100 kg
Base	PVAc	PVAc	PVAc	PVAc
According to Norm EN 204	D3	D4	×	D3
Open time in minutes at 20 °C	3 - 5	8 - 12	8 - 12	10 - 20
pH	3.2 ± 0.5	2.6 - 3.2	4.0 - 6.0	2.5 - 3.5
Solids	50 ± 1 %	49 - 52 %	28 %	50 ± 1 %
Viscosity (Brookfield 23 °C)	8 000 ± 1 500 mPa.s	3 500 - 8 000 mPa.s	500 - 1 000 mPa.s	6 000 ± 10 000 mPa.s
Application field				
Furniture bonding	• • •	• • •	×	×
Soft wood	• • •	• • •	×	• • •
Hardwood	• • •	• • •	×	• • •
Windows and Doors	• • •	• • •	×	• • •
Flat gluing Veneers, HPL	• • •	• • •	×	• • •
3D gluing in vacuum press	×	×	×	• • •
Automatic gluing wooden dowels	×	×	• • •	×

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on an individual basis to maintain the quality of the adhesive.

* The 20 kg units are heavy-duty canisters, suitable for rough handling.



Hranicoll spatula

Dispersion and Flat Area Adhesives

Urea-Formaldehyde Resin



UF Resin	Hraniresin 41	Hraniresin 47
Technical information		
Packing	25 kg	25 kg
Base	urea-formaldehyde resin	urea-formaldehyde resin
According to Norm EN 204	×	×
Open time in minutes at 20 °C	approx. 10	approx. 10
pH	4.5 - 6.5	4.0 - 6.5
Viscosity (Brookfield 23 °C)	2 500 - 5 500 mPa.s	2 000 - 7 000 mPa.s
Application field		
Furniture bonding	×	×
Soft wood	• • •	• • • (hot)
Hardwood	• • •	• • • (hot)
Windows and doors	×	×
Flat gluing veneers, HPL	• • •	• • • (hot)
3D gluing in vacuum press	• • •	×
Automatic gluing wooden dowels	×	×

Contact Adhesives & Accessories

Hranipex Adhesives



Hranifix	Hranifix Premium	Hranifix Industry	Hranifix Smart	Hranifix DCM Free
Technical information				
Packing	spray 500 ml; carton [12 pcs]; 17; 47.5 kg kegs	spray 500 ml; carton [12 pcs]; 17 kg kegs	spray 500 ml; carton [12 pcs]; 17; 47.5 kg kegs	spray 500 ml; carton [12 pcs]; 17; 47.5 kg kegs
Base	polychloroprene	polychloroprene	polychloroprene	polychloroprene
Pre-drying time in minutes in 20 °C	2 - 5	2 - 5	2 - 5	5 - 10
Solids	38 - 42 %	28 - 32 %	28 - 32 %	38 - 42 %
Application				
By hand, palette-knife, brush or roller	×	×	×	×
By spraying	• • •	• • •	• • •	• • •
Application field	Suitable for the gluing of MDF, DTD, Polyurethane foam, laminates and lots of plastic materials [without plasticizers], ABS, aluminium sheets into most metals and also wood floorings, PVC and other materials. Water resistant contact, high temperature resistance 130 °C. The hose and the gun is advised to be purchased for the application process.	Suitable for the gluing of MDF, DTD, Polyurethane foam, laminates and lots of plastic materials [without plasticizers], ABS, aluminium sheets into most metals and also wood floorings, PVC and other materials. Water resistant contact, high temperature resistance 85 °C. The hose and the gun is advised to be purchased for the application process.	Designed for bonding many substrates including: decorative laminates to particle board, veneers, woods, MDF, plastics [without plasticizers], rubber, upholstery and whole host of other materials. Water resistant, temperature stability 105 °C. The hose and the gun are advised to be purchased for the application process.	Suitable for bonding wood, particle board, MDF, DTD, polyurethane foam, laminates, cardboard, most plastics [without plasticizers], ABS, aluminium sheeting and most metals, floorings from PVC and other materials. The glued joint is resistant to water and temperatures up to 130 °C. Does not contain Dichloromethane. The hose and the gun are advised to be purchased for the application process.



Hranifix Hose 3.6 m
Important tool for correct glue application from keg



Hranifix Gun
Important tool for correct glue application from keg



Hranifix Pressure Rollers
Standard or extended length available



Hranifix Cleaning Agent, 17 kg
For cleaning application hoses and pistols.

Contact Adhesives & Accessories

Hranipex Adhesives



Hranicon	Hranicon 30	Hranicon 50
Technical information		
Packing	1 l; 5 l can	1 l; 20 l can
Base	polychloroprene	polychloroprene
Pre-drying time in minutes in 20 °C	3 - 10	3 - 10
Product structure	1 component liquid higher viscosity	1 component liquid lower viscosity
Viscosity	7500 - 8 500 m Pas	350 m Pas
Application		
By hand, palette-knife, brush or roller	● ● ●	● ● ●
By spraying	● ● ●	● ● ●
Application field		
Flat bonding of MFC and MDF	● ● ●	● ● ●
Gluing of HPL, CPL on chipboard or MDF with cold temperature	● ● ●	● ● ●
Gluing of rubber, felt, foams and many plastic (without plasticizers) to metals	● ● ●	● ● ●
Hand shape gluing with cold temperature	● ● ●	● ● ●

 Product sensitive to low temperatures.
During the winter months, transport conditions are handled on an individual basis to maintain the quality of the adhesive.

Adhesive Tapes & Accessories

Tape



Hranitape	Hranitape red	Hranitape green	Hranitape - Urethane Foam Tape 4026	Hranitape UNI	Hranitape manual applicator
Technical information					
Packing	1 piece	1 piece	1 piece	1 piece	1 piece
Roll	25; 50 m	25; 50 m	5 m	50 m	×
Width	15; 38 mm	38 mm	19 mm	15; 34 mm	×
Thickness	0.205 mm	0.265 mm	1.6 mm	0.200 mm	×
Colour	transparent	white	×	transparent	×
Application field	Duplicating and gluing of squared materials, smooth and common structured materials e.g. melamine faced chipboard	Duplicating and gluing of squared materials, rough structured materials e.g. OSB	Double Coated Urethane Foam Tape offers high shear strength and is available with either a high temperature holding acrylic adhesive system or a rubber adhesive system for bonding to various types of surfaces for mounting, joining and holding.	For fixing and sticking flat materials. Suitable for both smooth and very coarse structured materials (e.g. Melamine, OSB).	For smooth and easy Hranitape application

Assembly and Construction Adhesive

Adhesive - PUR



Hranipur	Hranipur 15	Hranipur 45	Hranipur SPEED	Hranipur 05
Technical information				
Packing	1 piece 800 g; carton [12 pcs]	1 piece 800 g; carton [12 pcs]	cartridge 310 ml; carton [12 pcs]	cartridge 310 ml; carton [24 pcs]
Base	PUR prepolymer	PUR prepolymer	PUR prepolymer	PUR prepolymer
Open time in minutes in 20 °C	15 - 25	25 - 45	0.5 (30 sec)	5 - 10
Minimal pressing time in min. in 20°C	60	120	5 - 10	15 - 20
Application field				
Soft wood assembly	● ● ●	● ● ●	● ● ●	● ● ●
Hard wood and tropical wood assembly	×	×	● ● ●	● ● ●
Flat bonding of MFC and MDF	● ● ●	● ● ●	● ● ●	● ● ●
Flat gluing of HPL, CPL on chipboard or MDF with cold temperature	● ● ●	● ● ●	×	● ● ●
Veneer shaping by single layer gluing	● ● ●	● ● ●	×	● ● ●
Foam polystyrene gluing	● ● ●	● ● ●	● ● ●	● ● ●
Gluing upon paint, metals, concrete, ceramics	● ● ●	● ● ●	● ● ●	● ● ●

Product sensitive to low temperatures.
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Assembly and Construction Adhesive

Silicones



H-silicone	H-silicone transparent	H-silicone white	H-silicone mirror transparent
Technical information			
Packing	cartridge 310 ml; carton [15 pcs]	cartridge 310 ml; carton [15 pcs]	cartridge 310 ml; carton [12 pcs]
Base	silicone	silicone	alcoxy silicone
Type of curing	acetate	acetate	neutral alcoxy group
Processing time	approx. 25 min	approx. 25 min	approx. 10 min
Curing time	2 mm / 24 h (relative humidity 55%)	2 mm / 24 h (relative humidity 55%)	2 mm / 24 h (relative humidity 55%)
Application's temperature	from 5 to 40 °C	from 5 to 40 °C	from 5 to 40 °C
Thermal resistance	from -40 to +180 °C	from -40 to +180 °C	from -40 to +180 °C
Application field	Versatile use, suitable for glazing, sealing partition walls, window niches etc. Not suitable for bonding mirrors, aquariums and natural stone or unprotected metals.	Versatile use, suitable for glazing, sealing partition walls, window niches etc. Not suitable for bonding mirrors, aquariums and natural stone or unprotected metals.	Suitable for attaching decorative mirrors on different substrates such as glaze, glass, plaster, concrete, OSB board, wood, plywood, etc. It is also useful for bonding mirror mosaics (mirror to mirror), mirrors in bathrooms and on substrates which may be subject to vibration and tension.

Product sensitive to low temperatures.
During the winter months, transport conditions are handled on an individual basis to maintain the quality of the adhesive.

Assembly and Construction Adhesive

Polymers



H-polymers	H-polymer MS white	H-polymer MS black	H-polymer MS transparent	H-polymer STP transparent	Hranipex application gun
Technical information					
Packing	cartridge 290 ml; carton [15 pcs]	cartridge 290 ml; carton [15 pcs]	cartridge 290 ml; carton [15 pcs]	cartridge 290 ml; carton [15 pcs]	1 piece
Base	hybrid polymer	hybrid polymer	hybrid polymer	hybrid polymer	×
Type of curing	neutral alcoxy group	neutral alcoxy group	neutral alcoxy group	neutral alcoxy group	×
Processing time	approx. 6 min	approx. 6 min	approx. 6 min	6 - 8 min	×
Curing time	2 - 3 mm / 24 h	2 - 3 mm / 24 h	2 - 3 mm / 24 h	1 - 2 mm / 24 h	×
Application's temperature	from 5 to 35 °C	from 5 to 35 °C	from 5 to 35 °C	from 5 to 45 °C	×
Thermal resistance	from -40 to +90 °C	from -40 to +90 °C	from -40 to +90 °C	from -60 to +80 °C	×

Application field	Suitable for bonding and sealing all building materials – stone, wood, concrete, metal, bricks, glass, ceramics, plaster, polyurethane, plastics, plywood, etc. It is also suitable for elastic joints in vibrating structures, for connection elements made of galvanized steel sheet, brass and other metals.	Suitable for bonding and sealing in interiors and exteriors, resistant to extreme weather conditions and UV radiation. Usable for most materials [mirrors, aluminium, polycarbonate, wood, plastics, building materials], water resistant, transparent.	High quality application guns designed for longterm application without effort [efficient gearing]. Also very suitable for application of H-silicones and H-polymers.
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 Product sensitive to low temperatures. During the winter months, transport conditions are handled on an individual basis to maintain the quality of the adhesive.

Assembly and Construction Adhesive

Acrylic Sealants and Chemical Anchor



	Acrylic Sealant White	Silicone Acryl White	Silicone Acryl Transparent	Chemical Anchor
Technical information				
Packing	Cartridge 280 ml	Cartridge 280 ml	Cartridge 280 ml	Cartridge 280 ml
Base	Acrylic dispersion	Silicone-Acrylic dispersion	Silicone-Acrylic dispersion	Vinylester resin (Styrene-Free)
Type of curing	Physical (water evaporation)	Physical (water evaporation)	Physical (water evaporation)	Chemical (2-component reaction)
Processing time	≈ 7 min	≈ 30 min	≈ 30 min	2 - 90 min (temp. dependent)
Curing time	Becomes tack-free quickly	Becomes tack-free quickly	Becomes tack-free quickly	15 min - 24 hours (temp. dependent)
Application's temperature	+5 °C to +40 °C	+5 °C to +40 °C	+5 °C to +40 °C	-10 °C to +40 °C
Thermal resistance	-20 °C to +75 °C	-20 °C to +75 °C	-20 °C to +75 °C	-40 °C to +80 °C

Application field	For interior transports of cracks in plaster, masonry, wood, and concrete. Sealing joints around window/door frames. Suitable for steel and galvanized surfaces. Paintable with acrylic and dispersion paints.	For interiors; combines the paintability of acrylic with the higher elasticity of silicone. For sealing joints between window frames, doors, and masonry. High adhesion to wood, concrete, and PVC.	For interiors; provides a transparent finish after curing (white during application). Suitable for sealing window sills, stairs, and joints where a less visible seal is desired.	For professional, high-load anchoring of threaded rods and rebar in concrete, masonry, hollow brick, and natural stone. Suitable for interior and exterior use, even in damp or flooded holes.
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 Product sensitive to low temperatures. During the winter months, transport conditions are handled on an individual basis to maintain the quality of the adhesive.

Cleaning Agents



Hranipex Cleaning Agents

Manual Cleaners

						
Hraniclean	Hraniclean Soft Line	Hraniclean 01	Hraniclean 03	Hraniclean 04	Hraniclean 05	Hraniclean 07
Technical information	cleaning agent for daily cleaning of furniture surfaces	manual cleaner for cleaning plastics	cleaner non-hardened PUR adhesives	cleaner hardened PUR adhesives	cleaner of joinery tools	concentrated cleaning agent for PVAc glue and paints
Packing	spray 500 ml; 5; 20 l	1; 5; 20 l	1 l	1 l	1; 5; 10 l	1; 20 l
Application field	Hraniclean Soft Line is a household cleaner with a delicate citrus scent for everyday use. Suitable for cleaning furniture surfaces [laminated, high gloss and matt], glasses and mirrors. It also removes fingerprints from surfaces and finishes with a natural look of furniture thanks to the active foam.	Special, hydrocarbon and alcohol-based Hraniclean 01 cleaner does not contain aggressive solvents. The Hraniclean 01 for cleaning plastics features: strong cleaning power, fast drying, evaporation without any residues and nice citrus smell. It leaves no greasy marks and it can clean glue residue, pencil and marker pen marks. To clean, use a clean HRANIWIPE Microfibre cloth.	Removes and dissolves uncured polyurethane-based adhesives [PUR adhesives]. The product, which is intended to clean tools, which is intended to clean tools, can be used to remove the PUR foam and PUR adhesives from other materials; because of the aggressive nature of the remover, however, it is necessary that the remover is tested first.	Dissolves cured polyurethane-based adhesives [PUR adhesives]. The product, which is intended to clean tools, acts over several minutes because of cured polyurethane adhesives resistance. The remover does not dissolve the adhesive completely, but it can release it from the tool surface. In exceptional cases, it can be used to clean other materials, however, always after performing tests.	Removes grease and resins. It is suitable for saw blades, drills, milling cutters, machine covers, etc. Prolonged action can damage some painted surfaces and aluminium alloys.	Swells and releases the dried water-based varnishes, paints and PVAc adhesives. Cleans painted units, printing forms, circulation areas, floors, tools, etc. Do not use as a concentrate, the undiluted remover does not work! How to dilute with water: the ratio of 1:5 is suitable for highly stubborn deposits, the ratio of 1:14 is suitable for dried weaker deposits, and the ratios from 1:30 to 1:60 are suitable for non-dried deposits. Apply the remover to the surface to be cleaned [dip], leave to act for a few minutes, wipe with a cloth and wash with water.

Hranipex Cleaning Agents

Manual Cleaners

					
Hraniclean	Hraniclean 08	Hraniclean 11	Hraniclean 511	Hraniclean SEP 11	Hraniclean KLZ 21
Technical information	cleaning agent for sensitive surfaces	manual cleaner fragrance free	manual industrial cleaner	releasing agent for PVAc adhesives	slipping agent for planing machines
Packing	spray 200; 600 ml; 1; 5; 20 l	1; 5; 20 l	1; 5; 20 l	1 l	1; 5; 20 l
Application field	Hand cleaner of high gloss furniture parts and sensitive or dark surfaces. It leaves no coating on the cleaned surface, evaporates quickly. To clean, use a clean HRANIWIPE Microfibre cloth. Test before using.	Hand special clear cleaner without aggressive solvents for manual cleaning plastics is characterized by strong cleaning power, fast drying of the surface. It is based on hydrocarbons and alcohol, evaporates without any residues and without citrus smell. It can be used further, for clean a glue, pencil as well as alcohol marker pen.	An industrial cleaner for the manual cleaning of panels and edges in the furniture industry. It is formulated for professional use to remove adhesive residue, pen, and alcohol felt-tip markers. The formula does not contain aggressive solvents. Test on a small area before use.	On treated surfaces, the separating liquid creates a thin film, which prevents the PVAc adhesives to stick. Before using, dilute with water in a ratio of 1:4, apply to treated surfaces and allows to dry.	The lubricant is a low viscosity product that creates long-acting film, thereby allowing a smooth move shift of wood on a planing bench. Apply the lubricant in small quantities on the planing bench and spread thoroughly with a textile cloth. The lubricant has a cleaning effect on resins, Vaseline and fats. It may break up some rubber seals and rubber parts. Items contaminated with the lubricant should be washed with water and regular detergent. It does not contain any VOC substances.

Hranipex Cleaning Agents

Machine Cleaners

				
Hraniclean	Hraniclean 101	Hraniclean 103	Hraniclean 104	Hraniclean 106
Technical information				
Packing	5; 20 l	5; 20 l	5; 20 l	5; 20 l
Application field	Ethanol-based release agent prevents adhesive buildup [PUR, EVA, PO], cutting downtime and extra cleaning costs.	Blue anti-static coolant keeps edges clean, tools protected, and sensors chip-free.	Green versatile release agent reduces friction and protects delicate surfaces during edgebanding.	Red cleaning agent removes residue, ensuring a spotless finish before buffing.

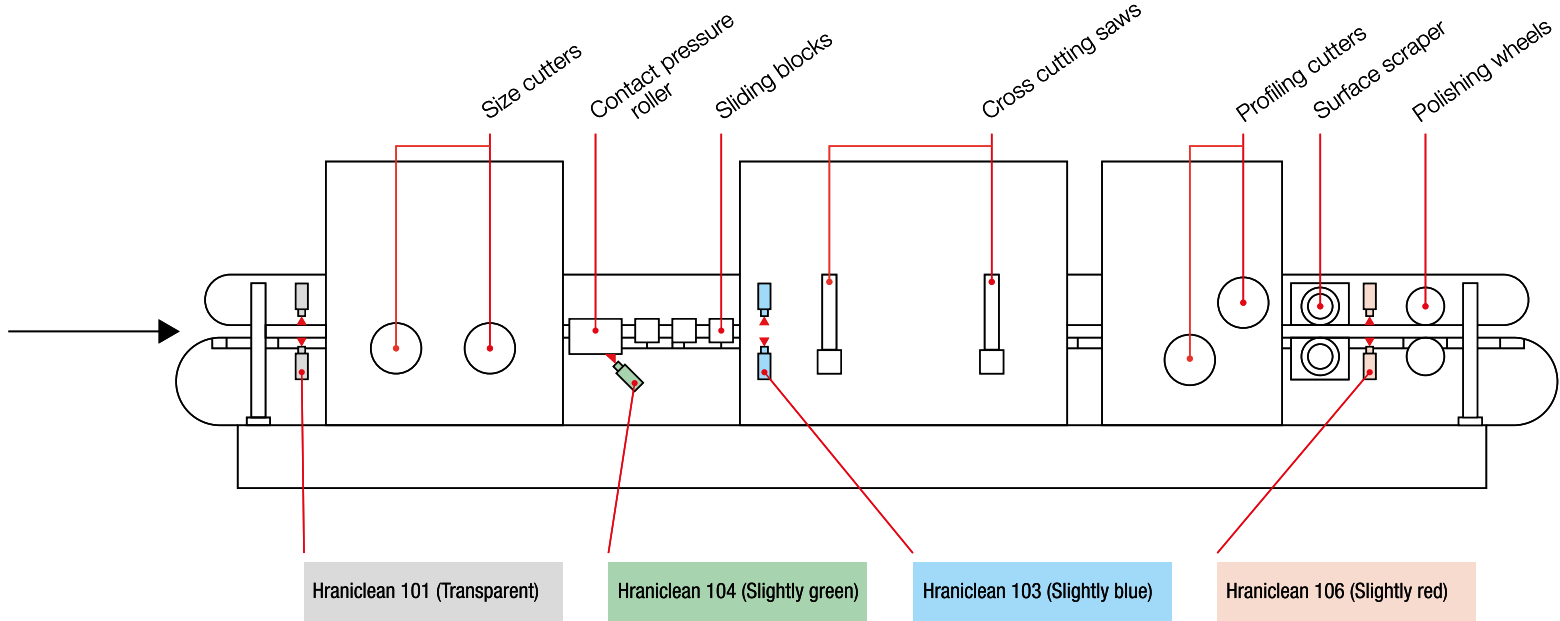
Hranipex cleaning agents

Accessories

			
Hraniclean	Hraniclean - drain tap	Hraniclean - drain tap	Hraniclean - microfibre cloth
Application field	for 5 litre plastic canisters	for 20 and 30 litre plastic canisters	For final cleaning of furniture parts with manual cleaning agents

Hranipex Cleaning Agents

Machine Cleaners Scheme



Hranipex Cleaning Agents

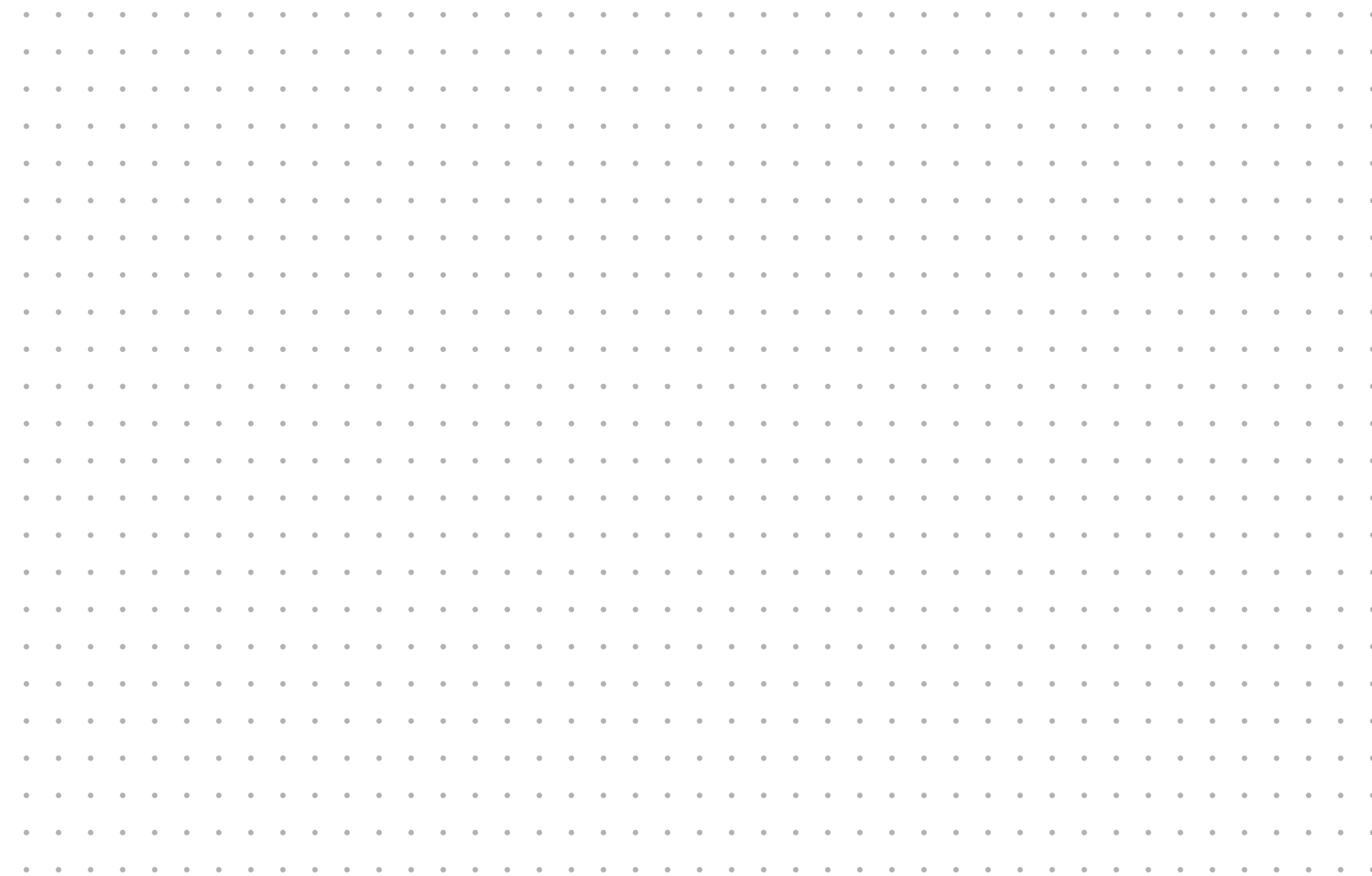
Cleaning Agents Hranipexfor EVA and PUR Hot Melts



Hranipex	EVA-cleaner 50	PUR cleaner 890	PUR cleaner 892 HL
Technical information			
Packing	granules 5 kg	granulate 5; 20 kg; cartridge 1.7 kg	1; 10 kg
Base	polyolefin	EVA	polyesterpolyol
Recommended application	in melting vessel	in melting vessel	in melting vessel
Application field			
Regular maintenance of melting and application devices working with hot melt adhesives on the EVA base	• • •	• • •	• • •
Regular maintenance of melting and application devices working with hot melt adhesives on the PUR base	×	• • •	• • •
Cleaning of tools, melting and application devices contaminated with hardened PUR fusible glue	×	×	• • •

Notes

Notes



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