# Catalogue

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# Catalogue

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**Cleaning agents** 

## Hranipex - your partner in edgebanding

We are a leading European manufacturer and distributor of furniture edges, adhesives, cleaners and much more. Our many years of experience, wide range of products and over 38,000 m<sup>2</sup> stock, Hranipex is your one-stop shop. We have been the perfect solution for your requirements since 1993, a family owned business in the heart

of the Czech Repbublic, Vysočina region. We now have 11 successful branches across Europe. Our philosophy is to provide first-class service, high quality products, speed, reliability and a personal approach to all our customers, both small and large.





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# What services are available at Hranipex?

Based on our many years of experience in the industry, we offer expert consultation and recommendations for each step of your production. We can help you chose the right edge, the best adhesive suited to your needs and advise on which cleaning agent will work best for your equipment and furniture. Premium service and quality have always been the highest priority for us. Hranipex allows you to order exactly what you need, with a variety of services available, we are confident we can provide you with the impossible.



### Slitting the ABS edges in atypical dimensions

Do you need a specific dimension that you cannot source from anywhere? We can easily slit any atypical dimension you require from 12 mm with a quick turnaround.



#### Starting from 1 meter

We can re-wind a roll to as little as 1 meter, therefore you only need to buy exactly what you need saving you on cost and less waste.



#### Hot-Air available for you

We can apply a functional layer of Hot Air technology to any ABS edge. This allows the edge to bond to the boards without adding any additional glue. The layer is tinted to the colour of the edge. Thanks to that you achieve the zero-joint effect.





#### Applying adhesive

We can apply a glue layer to any edge in the Hranipex collection within 7 - 10 working days.

#### Lacquering

We can prepare any ABS edge in UNI colour in the gloss level of your choice. We apply varnish from 10° to 90° gloss.



#### All in stock!

We keep almost all of our product range in stock, however, if something is not in stock, we can get that delivered to you within one week (on standard items only).



#### Expert advice available

With our experience and knowledgeable team members we can confidently offer you a suitable adhesive and machine or manual cleaners to help complement your products. We can help you each step of the way.



### We prepare tailor made adhesives and cleaners

You need chemistry that exactly meets your requirements? Thanks to our own R and D we are able to provide specific adhesive or cleaner to meet your needs without compromise.

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# Edges

All standard dimensions are available off the shelf, matching to over 112 world board manufacturers we are confident to have an edge for you.

Types available

#### **ABS** edges

All standard dimensions are available off the shelf, matching to over 112 world board manufacturers we are confident to have an edge for you.

End-Grain ABS edges immitating real wood.

High gloss

High gloss ABS edges.

Extra matt

Deep matt ABS edges.

#### Senosan Acrylic sheet Gloss / Matt

ABS edges with acryl high gloss/deep matt foil. Edges 100% identical to flat Senosan material.

#### Acryl 3D edging

Acrylic edges which create a 3D effect on furniture edging.

#### Acryl 3D with the glass effect

Acrylic edges that imitate glass.

#### ABS edges with ALU foil

Edging where aluminium foil in different colours is applied to the ABS plastic base.

### AdvantEdge® - Hot-Air Edges

AdvantEdge<sup>®</sup> is furniture edging additionally coated with specific polymeric material enabling utilisation of Hot-Air technology for bonding the edging to the boards without adding any additional glue. The layer is tinted to the colour of the base ABS edging. Thanks to that you achieve the zero-joint effect.

#### **Melamine edges**

Melamine edges are made of paper on which the decor is printed, the surface is then lacquered. You can use them on less exposed parts of the furniture. It is easy to apply either using machinery or manually.

#### Falz edges

Falz edges are Melamine edges with resin to ensure its flexibility. Due to this they are more easily bent into shape. They can be bent right down to a radius of 3 mm.

#### Veneer edges

Veneer edges are made from real wood, which are stuck together in an endless loop and then sanded to a uniform thickness. The strength of the edge during the processing is ensured by adhesive or fleece.

#### Thick veneer edges

It is a veneered edge made by sticking together multiple layers of veneer connected to an endless belt. Use multi-layer veneer edges to edge table tops or other stressed parts of furniture that you want to highlight with a natural material and at the same time protect them as much as possible. It is a veneered edge made by sticking together multiple layers of veneer connected to an endless belt.

#### Veneer edges Falz

Thin veneer edges for shaped profiles or half-grooves of doors. They can bend from a radius of 3 mm.

### Paintable ABS edges

Smooth white ABS edge with additional primer coat on the upper side of the edge to achieve the adhesion properties necessary for subsequent lacquer.

### Exwood edges

The EXWOOD edge is used as a basis for lacquer. It is a mixture of PP and wood material.

### Melamine blind edges

Not lacquered laminated edges with a lower weight for closing non-visible parts of furniture. They can also be lacquered.



We would like to inform you that Hranipex is FSC<sup>®</sup> certified, under certification code NC-COC-020951, NC-CW-020951 and license code FSC-C123308. The products of this group are FSC<sup>®</sup> certified.



































# Adhesives

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### Assembly and construction adhesives

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# Adhesives

Furniture cannot be manufactured without a quality adhesive. We can provide high quality glues and expert advice for the best suitable option.

Types

#### Hot melt adhesives

Adhesives for Furniture Edges.

#### Dispersion and flat area adhesives

Adhesives for bonding solid wood, veneer, HPL or dowels.

#### **Contact adhesives**

For fast gluing of many kinds of materials, including non-absorbent.

#### Adhesive tapes

Adhesive tapes for fast and clean attachment of boards and other assembly work.

#### Assembly and construction adhesives

Adhesives for quick gluing, sealing and assembly work.

Hranitherm granules: transparent / not filled adhesives





Hranitherm	600.30 transparent 600.31 white 600.39 black	603.00 transparent 603.01 white	608.30 transparent 608.31 white
Technical information	$\bigcirc \bigcirc \bullet$	$\odot$	$\bigcirc \bigcirc$
Packing	5; 20 kg	5; 20 kg	5; 20 kg
Base	EVA not filled	EVA not filled	EVA not filled
Softening range (ring and ball)	110 °C	110 °C	92 - 102 °C
Operating temperature	180 - 200 °C	180 - 200 °C	190 - 210 °C
Operating speed	12 - 30 m/min	8 - 30 m/min	4 - 8 m/min
Viscosity at 200 °C	approx. 70,000 mPa⋅s	approx. 70,000 mPa⋅s	approx. 60,000 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	×	×	×

Hranitherm granules: slightly filled adhesives



Hranitherm	600.70 natural 600.71 white 600.79 black	628.10 natural
Technical information		
Packing	5; 25 kg	20 kg
Base	EVA filled	EVA filled
Softening range (ring and ball)	100 °C	110 °C
Operating temperature	190 - 210 °C	190 - 210 °C
Operating speed	10 - 60 m/min	18 - 30 m/min
Viscosity at 200 °C	approx. 60,000 mPa⋅s	140,000 - 170,000 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	×	×

Hranitherm granules: filled adhesives



600.11 white



Hranitherm	600.10 natural	600.18 brown 600.19 black	600.64 natural
Technical information		$\bigcirc \bullet \bullet \bigcirc$	
Packing	5; 25 kg	5; 25 kg	5; 25 kg
Base	EVA filled	EVA filled	EVA filled
Softening range (ring and ball)	95 °C	95 °C	100 °C
Operating temperature	190 - 210 °C	190 - 210 °C	190 - 210 °C
Operating speed	10 - 30 m/min	10 - 30 m/min	10 - 50 m/min
Viscosity at 200 °C	approx. 65,000 mPa⋅s	approx. 80,000 mPa⋅s	approx. 65,000 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	×	×	×

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Hranitherm granules: filled adhesives



Hranitherm	608.80 light beige	617.00 natural 617.01 white	
Technical information			
Packing	5; 25 kg	5; 25 kg	
Base	EVA filled	EVA filled	
Softening range (ring and ball)	95 °C	96 °C	
Operating temperature	190 - 210 °C	190 - 210 °C	
Operating speed	4 - 8 m/min	10 - 50 m/min	
Viscosity at 200 °C	approx. 50,000 mPa⋅s	approx. 65,000 mPa⋅s	
Application field			
ABS, PVC and PP edging with a primer	•••	•••	

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	×	×	

Hranitherm granules: adhesive with low melting temperature





Hranitherm	600.20 natural 600.21 white	605.20 natural 605.21 white
Technical information		
Packing	5; 25 kg	5; 25 kg
Base	EVA filled	EVA filled
Softening range (ring and ball)	85 °C	80 °C
Operating temperature	160 - 180 °C	140 - 160 °C
Operating speed	8 - 15 m/min	4 - 15 m/min
Viscosity at 200 °C	approx. 10,000 mPa⋅s	10,000 - 14,000 mPa·s
Application field		
ABS, PVC and PP edging with a primer	•••	•••
Veneer edging	• • •	•••
Melamine edging	• • •	•••
Edging of solid wood	• • •	• • •
Softforming	• • •	•••
CNC shaped edging	×	X
Manual shaped edging	• • •	•••
HOLZ-HER cartridge devices	×	×

# EVA hot melt adhesives Jowat granules

Jowat granules: transparent / not filled adhesives



Jowatherm	280.10 transparent 280.11 white	280.30 transparent 280.31 white	280.58 transparent
Technical information	$\bigcirc \bigcirc$	$\otimes$ $\bigcirc$	$\bigcirc$
Packing	5; 25 kg	5; 25 kg	25 kg
Base	EVA not filled	EVA not filled	EVA not filled
Softening range according to Kofler	100 °C	90 °C	90 °C
Operating temperature	190 - 210 °C	180 - 200 °C	190 - 210 °C
Operating speed	8 - 40 m/min	8 - 40 m/min	15 - 40 m/min
Viscosity at 200 °C	150,000 mPa·s	50,000 mPa·s	85,000 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 Jowat granules

Jowat granules: slightly filled and filled adhesives



Jowatherm	280.50 natural 280.51 white	284.00 natural
Technical information	$\bigcirc \bigcirc$	
Packing	5; 25 kg	25 kg
Base	EVA slightly filled	EVA filled
Softening range according to Kofler	95 °C	90 °C
Operating temperature	180 - 200 °C	190 - 210 °C
Operating speed	12 - 40 m/min	12 - 40 m/min
Viscosity at 200 °C	75,000 mPa·s	115,000 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 Jowat granules

Jowat granules: adhesive with low melting temperature



Jowatherm	282.20 natural	282.40 transparent	
Technical information		$\bigcirc$	_
Packing	5; 25 kg	5; 25 kg	
Base	EVA filled	EVA not filled	
Softening range according to Kofler	75 °C	85 °C	
Operating temperature	120 - 150 °C	120 - 150 °C	
Operating speed	5 - 20 m/min	5 - 20 m/min	
Viscosity at 200 °C	30,000 mPa·s	25,000 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 cartridges

#### Hranitherm cartridges



Hranitherm	1000.30 transparent 1000.31 white	1000.70 natural 1000.71 white	600.00 natural 600.01 white
Technical information	$\bigcirc \bigcirc$		
Packing	1 cartridge; box 6 kg (72 cartridges)	1 cartridge; box 7.2 kg (72 cartridges)	1 cartridge; box 8 kg (24 cartridges)
Base	EVA slightly filled	EVA filled	EVA filled
Softening range (ring and ball)	110 °C	100 °C	95 °C
Operating temperature	190 - 210 °C	190 - 210 °C	190 - 210 °C
Operating speed	2 - 5 m/min	2 - 5 m/min	10 - 40 m/min
Viscosity at 200 °C	70,000 mPa·s	60,000 mPa∙s	65,000 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	• • •	•••	×

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### EVA hot melt adhesives Hranitherm cartridges

Hranitherm cartridges



Hranitherm	600.70 natural 600.71 white	603.00 transparent 603.01 white
Technical information	$\bigcirc \bigcirc$	$\odot$ $\bigcirc$
Packing	1 cartridge; box 7.2 kg (24 cartridges)	1 cartridge; box 6 kg (24 cartridges)
Base	EVA slightly filled	EVA not filled
Softening range (ring and ball)	100 °C	110 °C
Operating temperature	190 - 210 °C	190 - 210 °C
Operating speed	14 - 35 m/min	8 - 30 m/min
Viscosity at 200 °C	approx. 60,000 mPa∙s	70,000 mPa·s

Application field

• • •	• • •	
• • •	• • •	
• • •	• • •	
• • •	• • •	
×	×	
×	×	
×	×	
•••	•••	
×	X	
	••• ••• ••• × × × × ×	•••         •••         •••         •••         ×         •

# EVA hot melt adhesives Jowat cartridges

#### Jowat cartridges



286.60 natural

Jowatherm	286.30 transparent	286.61 white 286.62 brown 286.63 black
Technical information	$\bigcirc$	
Packing	1 cartridge; box 11.8 kg (48 cartridges)	1 cartridge; box 15.4 kg (48 cartridges)
Base	EVA not filled	EVA filled
Softening range according to Kofler	90 °C	80 °C
Operating temperature	180 - 200 °C	180 - 200 °C
Operating speed	10 - 40 m/min	10 - 40 m/min
Viscosity at 200 °C	50,000 mPa·s	65,000 mPa·s
Application field		
ABS, PVC and PP edging with a primer	•••	•••
Veneer edging	• • •	•••
Melamine edging	• • •	•••
Edging of solid wood	• • •	×
Softforming	×	×
CNC shaped edging	X	×
Manual shaped edging	×	×
HOLZ-HER cartridge devices	•••	•••
Festool cartridge devices	×	×

### PUR hot melt adhesives Hranitherm Mini-cartridges

Hranitherm Mini-cartridges



Hranitherm	10.830 transparent	10.850 natural 10.851 white	10.860 transparent 10.861 white
Technical information	$\bigcirc$	$\bigcirc \bigcirc$	$\overline{\oslash} \bigcirc$
Packing	1 kg	1 kg	1 kg
Base	PUR	PUR	PUR
Softening range according to Kofler	×	×	×
Operating temperature	135 - 150 °C	145 - 160 °C	145 - 160 °C
Operating speed	8 - 30 m/min	8 - 30 m/min	8 - 30 m/min
Viscosity at 140 °C	50,000 mPa·s	65,000 mPa·s	55,000 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	×	×	×

### PUR hot melt adhesives Hranitherm cartridges

Hranitherm cartridges



Hranitherm	830 transparent	850 natural 851 white	860 transparent 861 white
Technical information	$\bigcirc$	$\bigcirc \bigcirc$	$\overline{\oslash}$
Packing	2 kg	2.5 kg	2 kg
Base	PUR	PUR	PUR
Softening range according to Kofler	×	×	×
Operating temperature	130 - 150 °C	140 - 160 °C	140 - 160 °C
Operating speed	8 - 30 m/min	8 - 30 m/min	8 - 30 m/min
Viscosity at 140 °C	50,000 mPa·s	65,000 mPa·s	55,000 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	×	×	×

# PUR hot melt adhesives Jowat granules

Jowat granules



Jowatherm	607.40 natural 607.41 white	607.50 natural 607.51 white	608.00 transparent 608.01 white
Technical information	$\bigcirc \bigcirc$	$\bigcirc$	$\bigcirc \bigcirc$
Packing	0.6 kg	0.6 kg	0.5 kg
Base	PUR	PUR	PUR
Softening range according to Kofler	×	×	×
Operating temperature	approx. 140 °C	130 - 150 °C	110 - 130 °C
Operating speed	12 - 30 m/min	12 - 30 m/min	12 - 30 m/min
Viscosity at 140 °C	60,000 mPa·s	75,000 mPa∙s	60,000 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	×	×	×

••• very suitable •• suitable • technically possible

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Adhesives Hot melt adhesives

# PUR Jowat hot melt adhesive cartridges HOLZ-HER

Jowat cartridges HOLZ-HER



Jowatherm	607.40 natural 607.41 white	607.50 natural 607.51 white	608.00 transparent 608.01 white
Technical information	$\bigcirc \bigcirc$	$\bigcirc$	$\bigcirc \bigcirc$
Packing	320 g cartridge	320 g cartridge	260 g cartridge
Base	PUR	PUR	PUR
Softening range according to Kofler	×	×	×
Operating temperature	approx. 140 °C	130 - 150 °C	110 - 130 °C
Operating speed	12 - 30 m/min	12 - 30 m/min	12 - 30 m/min
Viscosity at 140 °C	60,000 mPa·s	75,000 mPa·s	42,000 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	•••	• • •	•••

# PUR hot melt adhesives Jowat cartridges

Jowat cartridges



Jowatherm	607.40 natural 607.41 white	607.50 natural 607.51 white	608.00 transparent 608.01 white
Technical information	$\bigcirc \bigcirc$		$\bigcirc \bigcirc$
Packing	2.5 kg	2.5 kg	2 kg
Base	PUR	PUR	PUR
Softening range according to Kofler	×	×	×
Operating temperature	approx. 140 °C	130 - 150 °C	110 - 130 °C
Operating speed	12 - 30 m/min	12 - 30 m/min	12 - 30 m/min
Viscosity at 140 °C	60,000 mPa·s	75,000 mPa·s	60,000 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	×	×	×

Dispersion Hranipex adhesives



	Hranicoll D3	Hranicoll D3E	Hranicoll D3 SMART
Technical information			
Packing	800 ml	5; 10; 30 kg	5; 10; 30 kg
Base	PVAc	PVAc	PVAc
According to Norm EN 204	D3	D3	D3
Open time in minutes in 20 °C	5 - 8	10 - 14	12 - 15
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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Dispersion Hranipex adhesives



	Hranicoll D4	Hranicoll DW
Technical information		
Packing	800 ml; 5 kg; 25 kg	20 kg
Base	PVAc	PVAc
According to Norm EN 204	D4	×
Open time in minutes in 20 °C	8 - 12	×
Application field		
Furniture bonding	•••	X
Soft wood	• • •	×
Hardwood	• • •	×
Windows and Doors	• • •	×
Flat gluing Veneers, HPL	•••	×
3D gluing in vacuum press	×	×
Automatic gluing wooden dowels	×	•••

Dispersion Jowat adhesive



	Jowacoll 103.05	Jowacoll 113.10	Jowacoll 124.00
Technical information			
Packing	5; 10; 30 kg	5; 10; 25 kg	25 kg
Base	PVAc	PVAc	PVAc
According to Norm EN 204	D3 / D4	D2	D2
Open time in minutes in 20 °C	5 - 8	3 - 5	5 - 7
Application field			
Furniture bonding	• • •	•••	•••
Soft wood	• • •	•••	•••
Hardwood	• • •	•••	•••
Windows and Doors	×	×	×
Flat gluing Veneers, HPL	• • •	•••	• • •
3D gluing in vacuum press	×	×	X
Automatic gluing wooden dowels	×	×	×

#### Dispersion Jowat adhesive







Jowacoll 114.60

Jowapur 150.51

Jowat Hardener 195.40

#### Technical information

Packing	25 kg	25 kg	1.25 kg
Base	PVAc	PU dispersions single components	emulsifiable, modified polyisocyanates
According to Norm EN 204	×	X	×
Open time in minutes in 20 °C	×	×	×
Application field			
Furniture bonding	×	×	×
Soft wood	×	X	×
Hardwood	×	X	×
Windows and Doors	×	X	×
Flat gluing Veneers, HPL	×	X	×
3D gluing in vacuum press	×	• • •	×
Automatic gluing wooden dowels	•••	×	×
Water resistance and heat resistance	×	×	• • •

increasing of PVAc and PU dispersions

#### FU surface adhesives



	Jowat 950.20	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 in 20 °C	approx. 13	approx. 10
Application field		
Furniture bonding	×	X
Soft wood	• • • (hot)	• • • (hot)
Hardwood	• • • (hot)	• • • (hot)
Windows and Doors	×	×
Flat gluing Veneers, HPL	• • • (hot)	••• (hot)
3D gluing in vacuum press	×	×
Automatic gluing wooden dowels	×	×

Ξ

# Contact adhesives & accessories

#### **Hranipex adhesives**



**Hranifix Premium** 

Hranifix Industry

metals and also wood

floorings, PVC and other

materials. Water resistant

contact, high temperature

The hose and the gun

is advised to be purchased

for the application process.

resistance 85°C.

Hranifix Smart

#### Technical information

Packing	spray 500 ml; carton (12 pcs) 17; 47.5 kg kegs	17 kg kegs	spray 500 ml; carton (12 pcs) 17; 47.5 kg kegs
Base	polychloroprene	polychloroprene	polychloroprene
Open time in minutes in 20 °C	2 - 5	2 - 5	2 - 5
Solids	38 - 42 %	28 - 34 %	28 - 32 %
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	Suitable for the gluing of MDF, DTD, Polyurethane foam, laminates and lots of plastic materials (without plasticizers), ABS, aluminium sheets into most	Application field: designed for bonding many substrates including: decorative laminates to particle board, veneers, woods, MDF, plastics

metals and also wood

floorings, PVC and other

materials. Water resistant

contact, high temperature

is advised to be purchased

for the application process.

resistance 130°C. The hose and the gun (without plasticizers),

whole host of other

rubber, upholstery and

The hose and the gun

materials. Water resistant,

temperature stability 105°C.

is advised to be purchased

for the application process.

Adhesives

Contact adhesives & accessories

## Contact adhesives & accessories

### Hranipex adhesives

# Accessories for contact adhesives Hranipex



### Hranifix DCM Free

### Technical information

Packing	spray 500 ml; carton (12 pcs) 17 kg kegs
Base	polychloroprene
Open time in minutes in 20 °C	2 - 5
Solids	38 - 42 %
Application	
By hand, palette-knife, brush or roller	×

By spraying

Application field

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 is 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 30

Hranicon 50

### Technical information

Packing	1 l; 5 l can	1 l; 20 l can
Base	polychloroprene	polychloroprene
Open time in minutes in 20 °C	2 - 5	3 - 10
Product structure	1 component liquid higher viscosity	1 component liquid lower viscosity
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	• • •	• • •

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# Adhesive tapes & accessories

Таре





Hranitape - Urethane Foam Tape 4026

**Technical information** 

Packing	1 piece	1 piece	1 piece
Roll	25; 50 m	25; 50 m	5 m
Width	15; 38 mm	38 mm	19 mm
Thickness	0.205 mm	0.265 mm	1.6 mm
Colour	transparent	white	×

Hranitape red

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

Hranitape green

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.

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# Adhesive tapes & accessories

### Tapes



Hranitape UNI

Hranitape manual applicator

### **Technical information**

Packing	1 piece	1 piece
Roll	50 m	X
Width	15; 34 mm	×
Thickness	0.200 mm	×
Colour	transparent	×

Application field

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

### Adhesive - PUR



Hranipur 15

Hranipur 45

### Technical information

Packing	1 piece 800 g; carton (12 pieces)	1 piece 800 g; carton (12 pieces)
Base	PUR prepolymer	PUR prepolymer
Open time in minutes in 20 °C	15 - 25	25 - 45
Minimal pressing time in min. in 20°C	60	120
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	• • •	• • •

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### Adhesive - PUR



Hranipur SPEED

Hranipur 05

pur 5

### **Technical information**

Packing	cartridges 310 ml; carton (15)	cartridges 310 ml; carton (24)
Base	PUR prepolymer	PUR prepolymer
Open time in minutes in 20 °C	0.5 (30 sec)	5 - 10
Minimal pressing time in min. in 20°C	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	• • •	•••

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### Adhesive - PUR







Jowapur 685.12

Jowapur 687.22

Jowapur 687.40

Technical information

Packing	1 kg	1 kg	1 kg
Base	PUR prepolymer	PUR prepolymer	PUR prepolymer
Open time in minutes in 20 °C	10	18	40
Minimal pressing time in min. in 20°C	30	60	120
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	• • •	• • •	• • •

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### Silicones







H - silicone transparent H - silicone white

H - silicone mirror

### **Technical information**

Packing	cartridges 310 ml; carton (15)	cartridges 310 ml; carton (15)	cartridges 310 ml; carton (15)
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.

### Polymers







H - polymer MS

H-polymer STP transparent

Hranipex application pistol

**Technical information** 

Packing	cartridges 290 ml; carton (15)	cartridges 290 ml; carton (15)	1 ks
Base	hybrid polymer	hybrid polymer	×
Type of curing	neutral alcoxy group	neutral alcoxy group	×
Processing time	approx. 6 min	approx. 6 min	×
Curing time	2 - 3 mm / 24 h	2 - 3 mm / 24 h	×
Application's temperature	from 5 to 35 °C	from 5 to 35 °C	×
Thermal resistance	from -40 to +90 °C	from -40 to +90 °C	X

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 pistols designed for longterm application without effort (efficient gearing). Also very suitable for application of H-silicones and H-polymers.







COTC REVITIVIZENEHO LEPICIA PUR TRE GLANKE OF INOT HARDENED PUR ADHESIVE IN THE RURATURE INDUSTRY REMORT VOL INDUSTRY REMORT VOL INDUSTRIE IN DER INSDELINCUSTRIE LE RETROAT DE L'ADHESIP PUR INDURCISSABLE LAS CINCUSTRIE DI MIRILIE

**10**00 ml

Hranipex

Alle Salle











**10**00 ml

Hranipex







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# **Cleaning agents Hranipex**

50

# **Cleaning agents Riepe**

53

# **Cleaning agents Jowat**

ng agents Jowat

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# Cleaning agents

We recommend cleaning agents to help keep your edges clean throughout the edge banding process. Whether you are working with an edge banding machine or manually.

Types of cleaning agents

### Hraniclean

For manual cleaning

## Riepe

For machine cleaning the interior of edge banding machines

# Jowat

For maintenance of edge banding machines

## Cleaning agents Hranipex



### Hraniclean 01

manual cleaner for cleaning plastics	11	51	20 I

Special, hydrocarbon and alcohol-based Hraniclean 01 cleaner does not contain aggressive solvents. The Hraniclean 01 for plastics cleaning features: strong cleaning power, fast drying, evaporation without any residues and nice citrus smell. It leaves no greasy marks and it can clean a glue, pencil and marker pen blots. To clean, use a clean fabric or paper towel.



### Hraniclean 03

cleaner non-hardened PUR adhesives

11

Removes and dissolves uncured polyurethane-based adhesives (PUR adhesives). The product, 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. To clean, use a clean fabric or paper towel.



### Hraniclean 04

cleaner hardened PUR adhesives

11

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.



### Hraniclean 05

cleaner of joinery tools	11	51

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.

## Cleaning agents Hranipex



### Hraniclean 07

concentrated cleaning agent for PVAc glue and paints	11	20

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.



### Hraniclean 08

cleaning agent for sensitive surfaces			11	51	20
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Hand cleaner of high glossy furniture parts and sensitive or dark surfaces. It leaves no coating on the cleaned surface, evaporates quickly. To clean, use a clean fabric or paper towels. Test before using.



### Hraniclean SEP 11

releasing agent for PVAc adhesives

11

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 allow to dry.



### Hraniclean KLZ 21

slipping agent for planing machines

51

11

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.

# Cleaning agents Hranipex for PUR hot melts



### PUR cleaner 890

Packing	granulate 5; 20 kg cartridge 1.7 kg
Base	EVA
Recommended application	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	×

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### PUR cleaner 892 HL

Packing	10 kg
Base	Polyesterpolyol
Recommended application	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	•••

### Accessories



Hraniclean - drain tap

For 20 and 30 litre plastic canisters



Hraniclean - microfibre cloth

For final cleaning of furniture parts with manual cleaning agents

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## Riepe machine cleaners



### RI 001

release agent LPZ/II	101	30

Application of special anti-stick substance prevents emerging glue residue from adhering to the workpiece.



### RI 004

release agent NFLY	500 ml spray	101	30 I	
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Application of this release agent onto the pressure rollers prevents buildup of glue. The release agent is then taken with the edging and carried to the sliding blocks. Glue build-up on the tools is considerably reduced. This anti-stick substance can be sprayed directly onto the edging to prevent the surface being damaged (acryl/aluminium).



### RI 006

cleaner LP 163/93	101	30 I

Application of this cleaning agent in front of the buffing wheels removes any previously applied cleaning agents and loose remnants of glue. It also cools the edging of the glue joint.



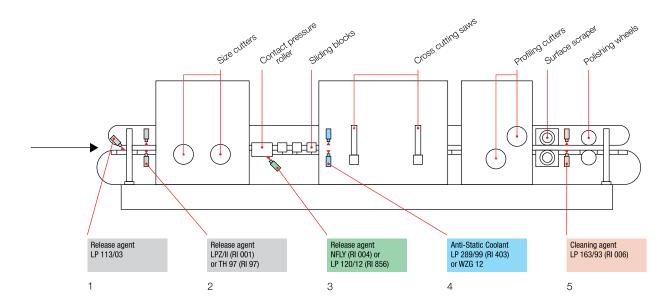
### RI 403

anti-static coolant LP 289/99	101	30 I	

Application of this anti-static coolant discharges the static of the edging and the glue joint is cooled at the same time. Tracer rollers and workpieces remain free from milling chips. The glue dries quicker. Greatly reduces the build-up of glue deposits on the tools.

### Use of machine cleaners

Spraying units will help reduce the manual cleaning process and prolong the life of the machine. Let's have a look at what different spraying units for applying release and cleaning agents will help you quickly achieve a clean and perfectly glued board.



• 1 Electronic device for spraying anti-stick substance (before pre-milling)

Before pre-milling the section use this device to apply a special anti-stick substance on the top and bottom sides of the section; this prevents any residual glue fusing to the section.

• 2 Electronic device for spraying cleaning substance (before cleaning using aggregate)

In front of the cleaning and polishing wheels this electronic device sprays a special cleaning substance on the top and bottom sides of the section. Application of this cleaner followed by polishing removes the anti-stick substance sprayed previously as well as any residual glue. In addition to this the radius of the edging is buffed to match the gloss of the surface. • 3 Electronic device for spraying protective fluid for pressure rollers and sliding blocks

This device is the ideal accessory for devices spraying anti-stick substances and cleaners. This makes the glue set quickly and greatly reduces the build-up of deposits on tools. It also serves to discharge the static from the edging. No impurities are left on copying rollers or furniture sections after milling.

• 4 Electronic device for spraying anti-static coolant

This electronic device for spraying anti-static coolant can be equipped with an additional fine spray nozzle. This nozzle is used to apply the special anti-stick substance to the edging surface, preventing damage to susceptible edging (e.g. acryl/aluminium). • 5 Electronic device for applying anti-stick substance using a roller

We offer special fluids for all of the spraying units listed above. Only when using these liquids your devices will work maintenance free and your production program can result in the desired success.

## Riepe manual cleaners



### RI 407

Manual cleaning of the components of the feed conveyors of bonding machines LP 407/13	11	101	30
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The cleaner for the rubber parts of moving belts and retaining wheels of the bonding machines. Cleaning of the conveyor belts eliminates the subsequent soiling of the bonding material.



### RI 408

manual cleaning of the furniture sections LP 305/98	11	51	30 I	

Cleaner for plastics - removes adhesives, pencil and marker print. Made of hydrocarbons and alcohol and does not contain aromatic substances or aggressive solvents. Excellent cleaning power, quick drying, evaporation without residues and has fine scent. It does not leave greasy traces.

### Accessories



RI 702		I
fabric-sisal-lamellar wheels 3:1 ratio	1 pc	 t

- Higher material density.
- Edging is polished.
- No stress whitening.

Fabric-Sisal-Lamellar Wheels are brushes with a cast mounting core. The lamellae are composed with the ratio 3×fabric and 1×sisal. The fabric in the wheel absorbs the previously applied RI 006 special cleaner. The sisal is used to polish the edge banding.

Atypical dimensions of cleaning and polishing discs are available on special order.



### RI 706

		_
textile polishing disc	1 pc	Luk

Fabric buffing wheels are made from extra robust materials. They are composed of 2 x 14 layers of fabric which makes them highly stable and hard-wearing. In combination with the RI 006 special cleaner it perfectly polishes the treated surface of the edging.

Atypical dimensions of cleaning and polishing discs are available on special order.



#### RI 1810

ube Pen	100 ml

High-quality lubricant with a sponge applicator for the guide surface of edge banding machines.

# Cleaning agents Jowat



## Jowat-Toptherm 236.50

Packing	granulate 5; 25 kg
Base	Polyolefin
Recommended application	In melting vessel
Application field	
Regular maintenance of melting and application devices working with hot melt adhesives on the EVA base	•••
Irregular cleaning of melting, application and metal devices contaminated with hot melt adhesives on the EVA and APAO base	•••
Regular maintenance of melting and application devices working with hot melt adhesives on the PUR base	×
Manual cleaning of edged furniture parts	×
Manual cleaning of non-hardened single-component polyurethane	×
Cleaning of tools, melting and application devices contaminated with hardened PUR fusible glue	×



### Jowat 401.10

Packing	canister 9 kg
Base	Organic solvents
Recommended application	Manually on a piece of cloth or by dipping
Application field	
Regular maintenance of melting and application devices working with hot melt adhesives on the EVA base	•••
Irregular cleaning of melting, application and metal devices contaminated with hot melt adhesives on the EVA and APAO base	• • • (approx.12 hours dipping)
Regular maintenance of melting and application devices working with hot melt adhesives on the PUR base	×
Manual cleaning of edged furniture parts	• • •
Manual cleaning of non-hardened single-component polyurethane	×
Cleaning of tools, melting and application devices contaminated with hardened PUR fusible glue	×

# Cleaning agents Jowat





### Jowat 930.34

Packing	granulate 5; 25 kg
Base	EVA
Recommended application	In melting vessel
Application field	
Regular maintenance of melting and application devices working with hot melt adhesives on the EVA base	• • •
Irregular cleaning of melting, application and metal devices contaminated with hot melt adhesives on the EVA and APAO base	×
Regular maintenance of melting and application devices working with hot melt adhesives on the PUR base	•••
Manual cleaning of edged furniture parts	×
Manual cleaning of non-hardened single-component polyurethane	×
Cleaning of tools, melting and application devices contaminated with hardened PUR fusible glue	×

## Jowat 930.94 HOLZ-HER patron

Packing	1 piece (220 g); carton (25 pcs)
Base	EVA
Recommended application	In melting vessel
Application field	
Regular maintenance of melting and application devices working with hot melt adhesives on the EVA base	• • •
Irregular cleaning of melting, application and metal devices contaminated with hot melt adhesives on the EVA and APAO base	×
Regular maintenance of melting and application devices working with hot melt adhesives on the PUR base	•••
Manual cleaning of edged furniture parts	×
Manual cleaning of non-hardened single-component polyurethane	×
Cleaning of tools, melting and application devices contaminated with hardened PUR fusible glue	×

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# Cleaning agents Jowat



### Jowat 930.74

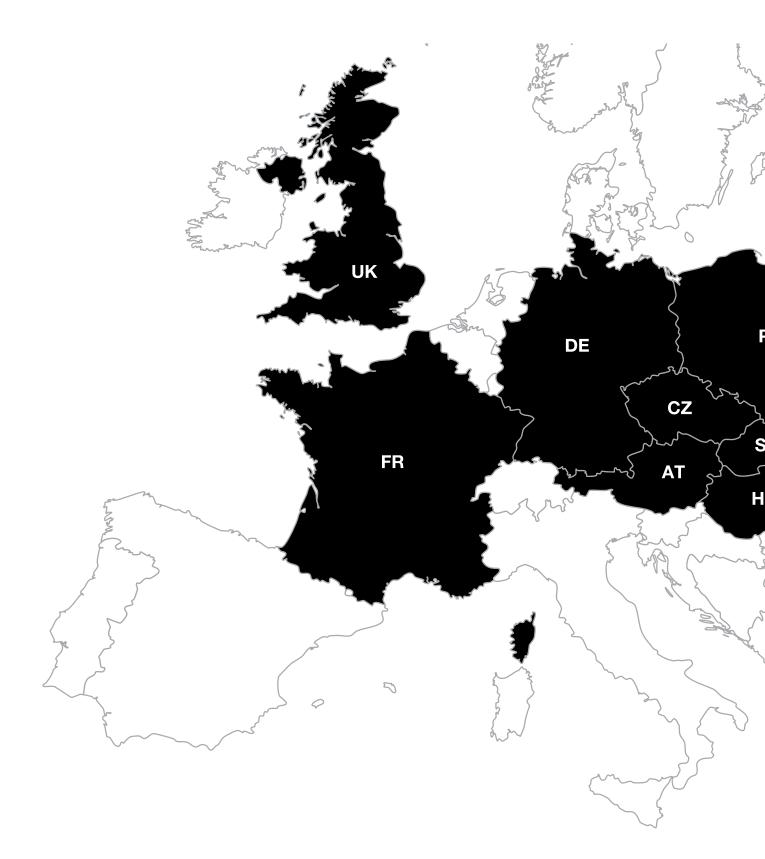
Packing	cartridge 1.5 kg
Base	EVA
Recommended application	In melting vessel
Application field	
Regular maintenance of melting and application devices working with hot melt adhesives on the EVA base	• • •
Irregular cleaning of melting, application and metal devices contaminated with hot melt adhesives on the EVA and APAO base	×
Regular maintenance of melting and application devices working with hot melt adhesives on the PUR base	•••
Manual cleaning of edged furniture parts	×
Manual cleaning of non-hardened single-component polyurethane	×
Cleaning of tools, melting and application devices contaminated with hardened PUR fusible glue	×

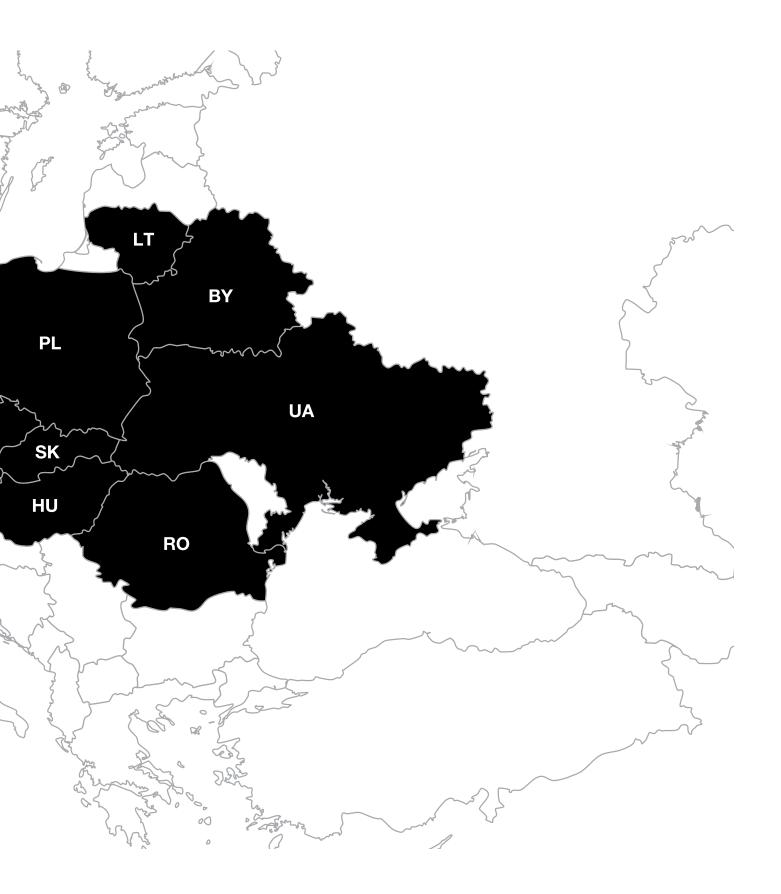


### Jowat 930.60

Packing	1 kg; 10 kg
Base	Polyesterpolyol
Recommended application	In melting vessel
Application field	
Regular maintenance of melting and application devices working with hot melt adhesives on the EVA base	• • •
Irregular cleaning of melting, application and metal devices contaminated with hot melt adhesives on the EVA and APAO base	×
Regular maintenance of melting and application devices working with hot melt adhesives on the PUR base	•••
Manual cleaning of edged furniture parts	×
Manual cleaning of non-hardened single-component polyurethane	×
Cleaning of tools, melting and application devices contaminated with hardened PUR fusible glue	• • •

# Branches in twelve European countries





# Contacts

# HRANIPEX Czech Republic k.s.

Jaroslavy Rýznerové 97 Komorovice 396 01 Humpolec Czech Republic

### Orders

+420 565 501 224, 227, 240, 223 www.hranipex.com cz-hranipex@hranipex.com

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# **Export Director**

### 으 losif Urban

+40 751 053 311 iosif.urban@hranipex.com

## **Export Sales Manager**

### 

+420 725 061 303 jan.zahumensky@hranipex.com • Balkan

### 으 Luca Franceschini

+39 328 96 59 633 luca.franceschini@hranipex.com • Italy

### $m \hfill \hfi$

+420 724 396 278 andris.briedis@hranipex.com • Norther Europe

### Analia Gisel Cabrera

+420 720 032 778 analia.cabrera@hranipex.com • Americas

• Iberian Peninsula

### 

+359 888 520 161 krasimir.petkov@hranipex.com • Bulgaria

### A Stanko Ratković

+381 65 244 47 11 stanko.ratkovic@hranipex.com • Serbia

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HRANIPEX Czech Republic k.s. Jaroslavy Rýznerové 97 Komorovice 396 01 Humpolec Czech Republic 
 Tel.:
 +420 565 501 224, 227, 240, 223

 E-mail:
 cz-hranipex@hranipex.com

 Web:
 www.hranipex.com