

Прочие расходные материалы CARL ROTH

Технические характеристики

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Казахстан (772)734-952-31

Киргизия (996)312-96-26-47

Coating and preservation



Acrylic resin Paraloid™ B-72

Carl ROTH.

Transparent, light-resistant thermoplastic acrylic resin for preserving samples, and for coating and sealing wood, stone, metals and other materials. The coating is permanently stable and non-yellowing. Compatible with cellulose, silicone, PVC, and many other plastics and metals. Resistant to water and many chemicals. Dissolves in toluene or ethyl acetate. Can be applied with a brush, spray gun or in an immersion bath. Hardens by air drying or heat exposure (approx. 30 min. at 150 °C).

Technical specifications:

Art. No.	9639.1	9639.2
Type	Paraloid acrylic resin™	

Type	Art. No.	Pack Qty.
Paraloid acrylic resin™	9639.1	1 kg
Paraloid acrylic resin™	9639.2	5 kg



Zaponlack

Carl ROTH.

Fast-drying clear varnish based on nitrocellulose. Crystal clear, for sealing copper or brass against oxidation, and for fixing paper, wood, glass, leather, etc. Apply by brushing, spraying or dipping.

Technical specifications:

Art. No.	6804.1
Type	Zaponlack

   **Danger** H225-H315-H318-H336-H412

Type	Art. No.	Pack Qty.
Zaponlack	6804.1	500 ml



Urea hydrogen peroxide

Carl ROTH.

Readily soluble oxidising agent. Tablet Ø 12 mm, weight 1.0 g. Mass percentage of H₂O₂ at least 35%, mass percentage of active oxygen at least 16.5%. Use as bleaching or fixing agent in the laboratory sector.

   **Danger** H272-H315-H318-H335

Not a medical device / Not an IVD product

Type	Art. No.	Pack Qty.
Urea hydrogen peroxide	7641.1	500 g



Instant glue CA221

Ethyl cyanoacrylate based single-component instant glue for plastics, metals and porcelain. The adhesive bonds are to a large degree temperature- and chemical-resistant. Not suitable for permanent contact with water. Starts to harden in less than 1 minute and cures fully after 8–10 hours. Storage temp. +10 °C. Shelf life approx. six months.

Technical specifications:

Art. No.	0258.1
Type	CA 221

 **Warning** H315-H319-H335

CA 221

Type	Art. No.	Pack Qty.
CA 221	0258.1	10 ml



Bonding and embedding



One-component silicone rubber

For gluing, sealing, and coating. Highly chemical-resistant, UV/ozone-resistant. Polymerises at room temperature due to the air humidity to form a permanently elastic rubber.

Technical specifications:

Art. No.	E046.1	2024.1
Type	Scrintec® 600	Scrintec® 901

600 oxime cross-linking

Paste-like, transparent. Temperature-resistant from -50 to +180 °C.

Spec. weight 1.02 g/cm³, Shore hardness 20°.

⚠ Warning H317-EUH208

Type	Pack.	Art. No.	Pack Qty.
Scrintec® 600	85 ml	E046.1	1 tube

901 acetic acid cross-linking

Fluid, opaque red. Temperature-resistant from -60 to +250 °C.

Spec. weight 1.20 g/cm³, Shore hardness 35°.

⚠ Warning H315

Type	Pack.	Art. No.	Pack Qty.
Scrintec® 901	85 ml	2024.1	1 tube



One-component adhesive filler Autostic FC8

One-component adhesive filler for connecting, sealing, coating or gluing ceramics, glass, quartz crystal, metal, etc.

Max. usage temperature +1000 °C, non-flammable. Ready to use, viscosity 3000 MPa. Setting occurs at room temperature or can be accelerated by heating at up to 90 °C. Depending on temperature, humidity and the properties of the material to be glued as well as the required layer thickness, setting is complete after 36–48 h.

Technical specifications:

Art. No.	0279.1
Type	Autostic FC8

Type	Art. No.	Pack Qty.
Autostic FC8	0279.1	500 g



Epoxy systems

Carl ROTH.

For connecting metal, ceramic or plastics to each other or to other parts of the same material. For pouring out columns in these materials.

Technical specifications:

Art. No.	2545.2	2530.1	2545.1	2551.1	2551.2
Type	G2 cast resin	B1 adhesive	G2 cast resin	H2 hardener	

Araldit® B 1 adhesive

Epoxy-based, low viscosity, transparent. For connecting metal parts and filling hollow spaces. Hardens with Hardener H 2 (mixed in a ratio of 100:8 by weight).

⚠ ⚠ Warning H315-H317-H319-H411-EUH205

Type	Art. No.	Pack Qty.
B1 adhesive	2530.1	500 g

Araldit® G 2 cast resin

Epoxy resin, low viscosity. Suitable for pouring in and embedding electronic components. Hardens at room temperature with Hardener H 2 (mixed in a ratio of 10:1 by weight).

⚠ ⚠ Warning H315-H317-H319-H411-EUH205

Type	Art. No.	Pack Qty.
G2 cast resin	2545.2	1 kg
G2 cast resin	2545.1	500 g

Aradur® H 2 hardener

Liquid.

⚠ ⚠ Danger H302+H312-H314-H317-H412

Type	Art. No.	Pack Qty.
H2 hardener	2551.1	100 g
H2 hardener	2551.2	500 g

Bonding and embedding



Two-component adhesive Araldite® Rapid

With an epoxy resin base. Suitable for many materials with the exception of PP, PE, PTFE, PVC and Acryl. Fast-setting, heat-resistant up to +100 °C, resistant to alcohol, water, petrol, mineral oils and similar substances, mixing 1:1. Process of setting starts after five minutes, will support itself after another 15 minutes and is fully stable after 8–10 hours. Kit contains 15 ml each of component A and B.

Technical specifications:

Art. No.	3131.1
Type	Araldite® Rapid

Warning H315-H317-H319-H411

Type	Packaging type	Pack.	Art. No.	Pack Qty.	
Araldite® Rapid	Tube	2 x 15 ml of each component A and B	3131.1	2 pack(s)	



Two-component sealing resin Metaflux®

Two-component epoxy resin for quick repair of metal, porcelain, wood and stone, for sealing pipes and tanks, and for filling out irregularities and holes. Also ideal under water. Hardens within three hours at 20 °C. Heat-resistant up to +200 °C, suitable for mechanical processing. Compressive strength 7840 N/cm², tensile strength 2940 N/cm². Mixture 1:1.

Technical specifications:

Art. No.	1279.1
Type	Metaflux®

Warning H315-H317-H319-H412-EUH205

Type	Art. No.	Pack Qty.	
Metaflux®	1279.1	400 g	



Hot glue gun Gluematic 5000

Steinel.

Cordless hot glue gun with extremely high melting capacity.

- Very short heating times
- Glue is heated automatically when the unit is placed onto the charging dock
- Electronic temperature control using state-of-the-art PTC heating technology
- Continuous operation with power cable possible
- Energy-saving standby mode
- Mechanical glue stick feeder for speedy, well-metred working
- Replaceable glue nozzles

Technical specifications:

Art. No.	PE36.1
Type	Hot glue gun
Length	185 mm
Width	32 mm
Height	180 mm
Weight	330 g
Performance	120/500 W
Warm-up period	3–5 min
Melt temperature	210–220 °C
Delivery rate	22 g/min

Delivery incl. charger with drip protection, short nozzle Ø 2.0 mm, long nozzle Ø 2.8 mm, five Ultra Power glue sticks, power cable.

Type	Art. No.	Pack Qty.	
Hot glue gun	PE36.1	1 unit(s)	



Electrical insulating tape

Material: PVC, high-gloss.

Tape made of high-gloss **PVC**, synthetic rubber adhesive. Temperature-resistant from -10 to 105 °C. Resistant to moisture, oil, diluted acids and bases, as well as UV radiation. Penetration resistance 40 kV/mm. Good adhesive force and high flexibility, elongation at break ≥ 160%, tear strength 18.0 N/mm². Width 19 mm, thickness 0.19 mm, roll length 20 m, weight 100 g.

Technical specifications:

Art. No.	1256.1
Type	Electrical insulating tape
Width	19 mm
Thickn.	0,18 mm

Type	Pack.	Art. No.	Pack Qty.	
Electrical insulating tape	20 m	1256.1	1 roll(s)	



Bonding and embedding



Adhesive tape tesaband® Premium

Fabric tape, 25 mm wide. Wear- and tear-resistant. Good adhesion even on rough surfaces. Labellable. Temperature-resistant up to +130 °C.

Technical specifications:

Art. No.	1263.2
Type	tesaband® Premium adhesive tape
Width	25 mm

Type	Pack.	Art. No.	Pack Qty.	
tesaband® Premium adhesive tape	25 m	1263.2	1 roll(s)	



Adhesive tape Scotch Mount 4032

Material: PU.

Double-sided adhesive foam tape. For fixing down surfaces to prevent slipping, or as an adhesive tape for boards, posters, etc. Slightly tensile, good adhesion, and easy to remove. Width 25 mm, thickness 0.8 mm.

Technical specifications:

Art. No.	1283.1
Type	Scotch Mount 4032
Width	25 mm
Thickn.	0,8 mm

Type	Pack.	Art. No.	Pack Qty.	
Scotch Mount 4032	11 m	1283.1	1 roll(s)	



PTFE thread sealing tape

ROTH SELECTION. Material: PTFE.

Protects, seals and secures all types of thread. Highly flexible, usable from -190 to +260 °C. Chemically inert. Tape width 12 mm, thickness 0.08 mm. Roll length 12 m.

Technical specifications:

Art. No.	1715.1
Type	PTFE thread sealing tape
Application temperature from	-190 °C
Application temperature up to	+260 °C

Type	Pack.	Art. No.	Pack Qty.	
PTFE thread sealing tape	3 x 12 m	1715.1	3 roll(s)	



O-ringset Loctite®

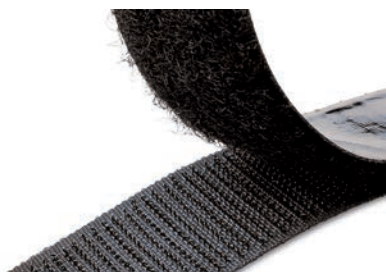
Ideal for making different sized O-ring seals. Work pack with approx. 20 g special glue, cutter, 1 m elastic bands each with Ø 1,6; 2,4; 3,0; 5,7 and 8,4 mm and instructions. Drying time for rings approx. 10 min.

Technical specifications:

Art. No.	1725.1
Type	O-ringset Loctite®

Type	Art. No.	Pack Qty.	
O-ringset Loctite®	1725.1	1 set	

Bonding and embedding



Adhesive tape Velcro strip

Easily removable, consists of a hook-and-loop component with self-adhesive back. Fastener is closed by gently pressing hooks into the loops, which is ideal for applications where a high amount of opening and closing is expected. Approx. thickness when closed 2.5 mm. Length 230 cm, width 25.4 mm.

Technical specifications:

Art. No.	K956.1
Type	Velcro strip
Width	25.4 mm
Thickn.	2,5 mm

Type	Pack.	Art. No.	Pack Qty.
Velcro strip	2,3 m	K956.1	1 roll(s)



Adhesive tape Snap-fastening strip

Self-adhesive, flexible. Adhesion based on the interlocking of semi-spherical heads (62 heads/cm²). Provides extremely secure and resilient connections to most materials, with a high level of permanent adhesive power. Approx. thickness when closed 5.8 mm. Length 230 cm, width 25.4 mm.

Technical specifications:

Art. No.	0295.1
Type	Snap-fastening strip
Width	25.4 mm
Thickn.	5,8 mm

Type	Pack.	Art. No.	Pack Qty.
Snap-fastening strip	2,3 m	0295.1	1 roll(s)



Heat protection foil

Material: Aluminium.

Self-adhesive, made of 0.05 mm thick aluminium foil, for adhering window panes and other smooth surfaces, 50 cm wide. Temperature stable up to +80 °C.

Type	Pack.	Art. No.	Pack Qty.
Heat protection foil	5 m	0193.1	1 roll(s)



Gas-leak tester Roth

Carl ROTH.

Special liquid for detecting even the smallest of leaks in tubing or hollow spaces that are subject to gas or air pressure. Non-toxic, non-flammable, non-corrosive. Suitable for compressed air, butane, natural gas, town gas, propane, CO₂, O₂, N₂, H₂ and ammonia. Spray onto areas with suspected leaks. If there is a leak, foam bubbles will form.

Packaging type	Pack.	Art. No.	Pack Qty.
Spray bottle	500 ml	2686.1	1 unit(s)



Leak finder spray ECO

CRC.

For reliable location of leaks on gas pipes and compressed air systems. Produces easily visible foam bubbles at the site of leaks. Suitable for e.g. natural gas, propane, butane, acetylene, nitrogen, carbon dioxide, refrigerant and oxygen. Compatible with plastics and metals, non-corrosive. DVGW-tested in accordance with DIN EN 14291:NG-5170AS0069 and with NSF-P1 registration for food technology.

Propellant: N₂O.

 **Warning** H229-H319-EUH208

Packaging type	Pack.	Art. No.	Pack Qty.
Aerosol	500 ml	HAN3.1	1 unit(s)

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