



Adhesives catalog TRS International GmbH

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ADHESIVE TRS 2002 NEW



Art. No.	CONTAINER	PACKAGE
302300	1 kg	10 pcs
302304	5 kg	4 pcs
302320	240 kg	1 pcs

Adhesive TRS 2002 NEW is a two-part cold vulcanizing cement based on CR (polychloroprene rubber). Bonds rubber to rubber, rubber to fabric, rubber to metal, fabric to fabric, metal to fabric. The main difference of TRS 2002 NEW cement from TRS 2002 cement is the replacement of trichloroethylene with tetrachloroethylene, a safer organic compound for human organism. Like trichloroethylene, tetrachloroethylene neither ignites nor explodes. TRS 2002 NEW adhesive may be used for works in mines or underground premises.

Use: repair and joining of rubber-fabric conveyor belts, rubber coating of metal surfaces, pulley lagging.

Attention:

TRS 2002 NEW contents methylenechloride and may cause vapor pressure in heat. Avoid hot storage. Cool down to room temperature before use. Open tins, cans or drums carefully when cement was hot!

CHARACTERISTICS	RECOMMENDATIONS
Base: CR - polychloroprene rubber	Working temperature: +15/ +30 °C
Solvent: tetrachloroethylene, dichloromethane	Hardener: TRS 1000 M
Specific density: 1.45 g/m ³	Ratio: 40 g of hardener M per 1 kg of cement
Dynamic viscosity: approx. 3200-3800 mPa·s	Pot life: 1-2 hours
Colour: dark grey	Layer active time: approx. 20 min. at 20°C
Shelf life: 2 years	Application quantity: 300 g/m ² per coat
	Vulcanizing time: approx. 24 hours

Recommended technology of applying the adhesive mixture on the surfaces to be bonded:

- rubber/ rubber-cord materials/ fabric: 2 layers;
- rubber with bonding layer: 1 layer;
- primed metal: 1 layer.

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ADHESIVE TRS 4004



Art. No.	CONTAINER	PACKAGE
302900	750 ml	10 pcs
302910	5 l (4,7 kg)	4 pcs
302905	190 kg	1 pcs

Adhesive TRS 4004 is a two-part cold vulcanizing cement based on CR (polychloroprene rubber). Binds rubber to rubber, rubber to metal, rubber to fabric, fabric to fabric, metal to fabric. The main difference of TRS 4004 cement is the use of ethyl acetate, a solvent with low toxicity and acceptable odour. It is used for works on open grounds or in well ventilated premises.

Use: repair and joining of rubber-fabric conveyor belts using TRS repair patches, bands and strips, rubber coating of metal surfaces, pulley lagging. Is suitable for repairing and joining of rubber-fabric conveyor belts used in food industry.

CHARACTERISTICS	RECOMMENDATIONS
Base: CR - polychloroprene rubber	Working temperature: +15/ +35 °C
Solvent: ethyl acetate	Hardener: TRS 1000 E
Specific density: 0.95 g/m ³	Ratio: 30 g of hardener per 0.75 kg of cement
Dynamic viscosity: approx. 2800-3200 mPa·s	Pot life: 4-6 hours
Colour: dark grey	Layer active time: approx. 25 min. at 20°C
Shelf life: 2 years	Application quantity: 300 g/m ² per coat
	Vulcanizing time: approx. 24 hours

Recommended technology of applying the adhesive mixture on the surfaces to be bonded:

- rubber/ rubber-cord materials/ fabric: 2 layers;
- rubber with bonding layer: 1 layer;
- primed metal: 1 layer.

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ADHESIVE TRS 5005



Art. No.	CONTAINER	PACKAGE
302920	0,7 kg	10 pcs
302921	4,7 kg	4 pcs
302922	190 kg	1 pcs

Adhesive TRS 5005 is new all-in-one cold vulcanizing cement based on CR (polychloroprene rubber).

Use: joining, rubber coating, lagging and repair.

CHARACTERISTICS

Base: CR - polychloroprene rubber

Solvent: butanone (methyl ethyl ketone)

Specific density: 0.95 g/m³

Dynamic viscosity: approx. 2800-3200 mPa·s

Colour: dark grey

Shelf life: 3 years

RECOMMENDATIONS

Working temperature: +15/ +35 °C

Layer active time: approx. 30 min. at 20°C

Application quantity: 300 g/m² per coat

Vulcanizing time: approx. 24 hours

ADHESIVE TRS PLASTO



Art. No.	CONTAINER	PACKAGE
303110	700 ml	10 pcs
303111	20 kg	1 pcs

TRS PLASTO cement is a two-part bonding compound (cement + hardener) for cold or hot bonding. The cement has excellent resistance to acids, oils, ageing and high temperatures.

Use: for bonding PVC, EMPD, PU, ABS, EVA, leather, cork, rubber, nylon, viscose and Kevlar fabrics.

CHARACTERISTICS	RECOMMENDATIONS
Base: PU - polyurethane	Working temperature: +15/ +35 °C
Solvent: acetone, butanone	Hardener: TRS 1000 E
Specific density: 0.85 g/m ³	Ratio: 30 g of hardener per 0.6 kg of cement
Dynamic viscosity: approx. 4000 mPa·s	Pot life: 4-6 hours
Colour: off-white	Layer active time: approx. 5-10 min. at 20°C
Shelf life: 3 years	Application quantity: 300 g/m ² per coat
	Vulcanizing time: approx. 6 hours

Recommended technology of applying the adhesive mixture on the surfaces to be bonded:

- 1 layer for each surface.

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TRS METAL PRIMER



Art. No.	CONTAINER	PACKAGE
307140	700 ml	10 pcs
307141	170 kg	1 pcs

TRS METAL PRIMER is used for enhancing the adhesion of rubber to metal. Metal primer used for preparing metal surfaces for applying rubber coatings when using cements TRS 2002, TRS 3003, TRS 4004, TRS 5005.

Use: rubber coating of metal surfaces, pulley lagging.

CHARACTERISTICS

Base: CR - polychloroprene rubber

Solvent: phenol, butanone

Specific density: 0.91 g/m³

Dynamic viscosity: approx. 500-700 mPa·s

Colour: black

RECOMMENDATIONS

Working temperature: +15/ +35 °C

Drying time: ca. 60 Min. bei 20°C

Application quantity: 300 g/m² per coat

Application: one layer on metal

Shelf life: 3 years

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HARDENER TRS 1000 M



Art. No.	CONTAINER	PACKAGE
302180	40 g	10 pcs
302220	200 g	6 pcs

Hardener TRS 1000 M based on Polychloroprene. Not flammable.

Use: hardener for cement TRS 2002, TRS 3003, crosslinking agent for adhesive solutions in footwear industry.

Mixture preparation	TRS 2002 NEW
Cement weight (V)	1 kg
Hardener weight	40 g
Hardener ratio, %	4%

HARDENER TRS 1000 E



Art. No.	CONTAINER	PACKAGE
700510	30 g	10 pcs
700511	150 g	6 pcs

TRS 1000 E hardener is a solution of approx. 29% polyisocyanate in ethyl acetate.

Use: hardener for cement TRS 4004, TRS PLASTO, crosslinking agent for adhesive solutions in footwear industry.

Mixture preparation	TRS 4004	TRS PLASTO
Cement weight (V)	750 ml	700 ml
Hardener weight	30 g	30 g
Hardener ratio, %	4%	5%

SOLVENT TRS M.E.K.



Art. No.	CONTAINER	PACKAGE
304210	0,64 kg	6 pcs

TRS SOLVENT MEK based on butanone (methyl ethyl ketone).

Use: for degreasing surfaces before bonding, rubber coating, lagging.



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