

# Cold Vulcanizing Cements

## 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 <sup>3</sup>	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: 1 years	Application quantity: 300 g/m <sup>2</sup> 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.

Information on TRS 2002 NEW

## 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 <sup>3</sup>	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 <sup>2</sup> 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.

## 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	RECOMMENDATIONS
Base: CR - polychloroprene rubber	Working temperature: +15/ +35 °C
Solvent: butanone (methyl ethyl ketone)	Layer active time: approx. 30 min. at 20°C
Specific density: 0.95 g/m <sup>3</sup>	Application quantity: 300 g/m <sup>2</sup> per coat
Dynamic viscosity: approx. 2800-3200 mPa·s	Vulcanizing time: approx. 24 hours
Colour: dark grey	
Shelf life: 3 years	

Information on TRS 5005

## 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 <sup>3</sup>	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 <sup>2</sup> 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.

Information on TRS PLASTO

## 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	RECOMMENDATIONS
Base: CR - polychloroprene rubber	Working temperature: +15/ +35 °C
Solvent: phenol, butanone	Drying time: ca. 60 Min. bei 20°C
Specific density: 0.91 g/m <sup>3</sup>	Application quantity: 300 g/m <sup>2</sup> per coat
Dynamic viscosity: approx. 500-700 mPa·s	Application: one layer on metal
Colour: black	Shelf life: 3 years

Information on TRS METAL  
PRIMER

## 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	TRS 3003
Cement weight (V)	1 kg	1 kg
Hardener weight	40 g	40 g
Hardener ratio, %	4%	4%

Information on TRS 1000 M

## 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%

Information on TRS 1000 E



## HARDENER TRS TRISO

NO PICTURE

Art. No.

CONTAINER

PACKAGE

Hardener TRS TRISO is a solution of highly efficient poly-/tri-/isocyanate in ethyl acetate. Excellently adheres to rubber, increases the bond resistance to high temperature, fats, oils, plasticizers, and ensures the adhesion of other hard-to-bond rubber materials.

**Use:** crosslinking agent for cements based on polyurethane, natural or synthetic rubber.

Mixture preparation	NR	CR	NBR	PU
Base	Natural rubber	Polychloroprene rubber	Nitrile rubber	Polyurethane
TRS TRISO Hardener ratio, %	4-6%	6-8%	6-8%	3-5%

Information on TRS TRISO

## HARDENER TRS TRISO R

NO PICTURE

Art. No.

CONTAINER

PACKAGE

Hardener TRS TRISO R is a solution of highly efficient poly-/tri-/isocyanate in ethyl acetate. The cement solution used ensures high thermal and chemical resistance immediately after bonding. TRS TRISO R adheres to rubber especially well.

**Use:** crosslinking agent for cements based on chloroprene, polyurethane, natural or synthetic rubber.

Mixture preparation	NR	CR	NBR	PU
Base	Natural rubber	Polychloroprene rubber	Nitrile rubber	Polyurethane
TRS TRISO R Hardener ratio, %	3-6%	4-8%	4-8%	4-7%

Information on TRS TRISO R

## TRS SOLVENT MEK



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

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