

TORNIA TRES-CHECK PREMIUM

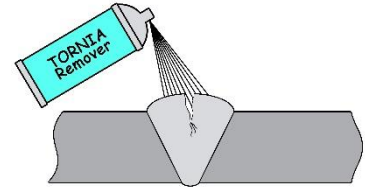
Typ 436 Reiniger (remover)

Method C

(Excess penetrant remover solvent)

Class 2

Temperature range: -10°C up to +50° C



TORNIA TRES-CHECK PREMIUM Typ 436 Reiniger

is a halogen-free, solvent-based (alcohol-based) remover.

Typ 436 Reiniger is used for removing penetrant and cleaning of surfaces to be tested in metal processing, welding, aircraft, railway and automobile industry, inspection of pipelines, refineries, chemical and nuclear power stations.

Typ 436 Reiniger complies with the requirements of penetrant testing acc. to EN ISO 3452 and ASTM E-165.

Since the remover evaporates without residue, it is suitable for titanium and high-nickel alloys.

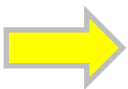
Typ 436 Reiniger is fast-drying, and therefore ideal for precleaning (removal of oil, grease and other contaminants), excess penetrant removal and postcleaning.

	Typ 436 Reiniger Loose items	Typ 436 Reiniger aerosol
Colour	Colourless	Colourless
State of aggregation	Liquid	Aerosol
Odour	Alcohol	Alcohol
Flash point (EN ISO 2719)	10°C (50°F)	Not determined
pH level	Neutral	Neutral
Vapour pressure (20°C)	Approx. 58 hPa	Not determined
Density (20°C, DIN 51757)	0.7890 g/cm ³	0.784 – 0.786 g/cm ³
Water solubility	Completely soluble	Completely soluble
Shelf life	5 years	4 years

Corrosion		Elemental analysis	
Aluminium	none	Sulfur	0.003 wt %
Magnesium	none	Chloride	< 0.001 wt %
Carbon steel	none	Fluoride	0.002 wt %

Specifications	Delivery form		Art. no.
EN ISO 3452:2014	Aerosol	500 ml	GT01-436001
ASTM D-516	Container	1 L	GT01-436002
ASTM E-165	Container	10 L	GT01-436003
	Container	200 L	GT01-436004

Health / safety / shipping			
	Typ 436 Reiniger Loose items		Typ 436 Reiniger Aerosol
Contains no known Carcinogens	✓		✓
Avoid inhalation and/or repeated skin contact	✓		✓
Wearing of protective gloves and safety glasses is recommended	✓		✓
Never expose to temperatures above 50°C (122°F)	✓		✓
Storage class TRGS 510	3		2B
Do not store near oxidants	✓		✓
ADR/RID	UN 1170 (Ethanol)		UN 1950 (Pressure gas packs)
VOC Directive 2004/42/EG	100 % (784 g/l)		100 % (784 g/l)
Disposal according to official regulations	✓		✓



For further information, see Safety Data Sheet of remover.