



PROTON® 707

Alcohol-based cleaning solvent determined to remove cured and uncured silicone conformal coating from coating frames and PCBAs.

Extremely strong solvent for PDMS polymer (silicone)
 – even shorter dissolution times compared to up to now most effective Proton 705.
 Ready-mix, intended for direct use.

Recommended areas for use

Recommended cleaning technology

1. Uncured/cured silicone coating – coating frames	Immersion / Spray-in-air / Ultrasonic
2. Uncured/cured silicone coating – PCBs	Immersion / Spray-in-air / Ultrasonic



Process table

Cleaning technology	Cleaning	1. rinse	2. rinse	Drying
Coating frames	Proton® 707	DI water Tap water	DI water Tap water	Hot air
PCBs	Proton® 707	DI water	DI water	Hot air

Product information

- In contrast to Proton 703 and Proton 705, Proton 707 provides even higher dissolution rates and it is active also for most types of polyurethane and acrylic conformal coating
- Effective also for flux dissolving, solder alloy corrosion removal
- Hydrophilic modification of solder mask depending on the solder mask type – higher surface energy of solder mask provides consecutively better adhesion of coating
- Cleaning agent has to be thoroughly rinsed – double high-pressure rinse with active filtration is highly recommended
- Recommended for use in systems with closed cleaning processes and mechanical filtration
- Compatibility with sensitive metals (aluminium) has to be verified
- Program of the cleaning machine has to be modified because of flash point 71 °C



Table of physical and chemical properties

Product appearance:	one-phase liquid
Colour:	transparent / pink / orange
Odour:	organic
VOC content:	55 %
Recommended process temperature:	25 – 45 °C
Flash point:	71 °C
Density at 20 °C:	0,90 kg/l



Technical support

For process implementation and setting, optimization and solving of process issues, trial test, contact your DCT specialist at www.dct.cleaning

Date of issue/revision:

12. 04. 2022

Check SDS prior to use.

Check material compatibility in case of contact with sensitive materials susceptible to chemical stress.

Proton® is a registration trademark of DCT Czech s.r.o.



PROTON® 707

General information



Packing

1, 5, 25 litres



Transport

UN number: No

Transport hazard class: No



Handling

Wear nitrile gloves while manipulating with cleaning agent.

It is necessary to stir well the can before use.



Storage

Should be stored in closed containers, in ventilated areas

At temperature 5 – 25 °C



Shelf life:

The minimum shelf life for this product is 5 years.

Notification

The fluid may become yellow-to-brown as a result of a temperature change or under the influence of light and air. This is a common phenomenon and not a flaw and in no way changes the properties of the product.

Product features

RoHS and REACH compliant, biodegradable, does not contain any halogenated compounds.



RoHS
Compliant



REACH
SVHC



BIODEGRADABLE



We are certified as part of a worldwide quality management system by **LLOYD'S**.

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