



PROTON® 705

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

Intended specifically for dissolving of silicone coating, also effective for most types of acrylic coating.

Extremely strong solvent for silicone (up to 30x shorter silicone dissolving times compared to Proton 703).

Lower compatibility with sensitive metals.

Ready-mix, intended for direct use.

Intended for use especially for high-pressure spray-in-air thanks to high efficiency of solvent.



Recommended areas for use

Recommended cleaning technology

1. uncured/cured silicone coating – coating frames	Ultrasonic / Spray-in-air
2. uncured/cured silicone coating – PCBs	Ultrasonic / Spray-in-air
3. uncured/cured silicone coating – coating machine components	Ultrasonic / Spray-in-air

Process table

Cleaning technology	Cleaning	1. rinse	2. rinse	Drying
Coating frames	Proton® 705	Decotron® ACW 115	DI water Tap water	Hot air
PCBs	Proton® 705	Proton® R07	DI water	Hot air



Product information

- Recommended for use in systems with closed cleaning processes and mechanical filtration
- Rinse with Decotron® ACW 115 (for aluminium) or Proton® R07 (for PCBs) and final rinsing with DI water needed
- Compatibility with sensitive metals (aluminium) may be lower
- Environment-friendly, biodegradable
- Tenzide-free
- Program of the cleaning machine has to be modified because of flash point 65 °C
- Cleaning agent can be customized to meet compromise between cleaning efficiency and compatibility



Table of physical and chemical properties

Product appearance:	one-phase clear liquid
Colour:	transparent / yellowish / yellow-brown
Odour:	organic
VOC content:	100 %
Recommended process temperature:	25 – 45 °C
Flash point:	65 °C
Density at 20 °C:	0,91 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:
15. 6. 2020

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® 705

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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