



# 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

<b>1. uncured/cured silicone coating – coating frames</b>	Ultrasonic / Spray-in-air
<b>2. uncured/cured silicone coating – PCBs</b>	Ultrasonic / Spray-in-air
<b>3. uncured/cured silicone coating – coating machine componen</b>	Ultrasonic / Spray-in-air

### Process table

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

### 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:	99 %
Recommended process temperature:	25 – 45 °C
Flash point:	65 °C
Density at 20 °C:	0,91 kg/l



Date of revision:  
**31. 5. 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<sup>®</sup> 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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