

CORFLON Ultra

Universal two-coat water-based PTFE system. This coating is characterized by good resistance as well as excellent non-stick effect. properties there are often essential for kitchen gadgets.

[available for EU with Swiss Shield](#)

The selection of suitable substrate materials and adherence to the application and drying processes are essential in order to be able to meet the technical quality and the regulations required in the EU with coated food contact materials.



Applications

Application	Pretreatment	Suitability
Can opener	-	✗
Garlic press	-	✗
Corkscrew	see above	✓✓✓
Meat tenderizer	-	✗
Nutcracker	-	✗
Ice cream scoop	see above	✓✓
Rolling pin	see above	✓
Defrosting plate	see above	✓✓
Household knife	-	✗
Fruit basket	-	✗
Splash cover	see above	✗

Characteristic

Number of Layer	2
Coating Thickness µm	20-25
Curing Temperature °C	420
Service Temperature °C	250

Substrates

Substrate	Pretreatment	Suitability
Alu press	sandblasting with corundum	✓
Alu cast	sandblasting with corundum	✓
Alu steel	-	✗
Carbon steel	-	✗
Stainless steel	-	✗

Care instructions Electric

Electrical appliances - Use and Care Instructions

Non-stick coated small electrical household appliances are available in one-, two- or three-layer versions, as well as with ceramic-reinforced coatings.

We offer products with different bases:

- SP-xxx products = Silicone polyester base
- Ceralon products = Ceramic (Sol-Gel) base
- Select R products = PTFE / Resin base
- Corflon = PTFE waterbased

The systems are characterised by good scratch resistance, abrasion resistance, as well as the best non-stick properties. Good cleanability is guaranteed for all coated parts.

All articles coated should generally be protected from overheating. Overheating leads to a reduction in the non-stick effect and reduced lifespan. Likewise, we do not recommend the use of metal utensils and other sharp objects when using this cookware.

Notes on use

- Before first use, remove all packaging and labels. Clean the object in liquid detergent and hot water, or rub with a damp cloth and detergent.
- Electrical appliances should never be heated for a long period of time when empty. Do not overheat!
- Make sure that the power cord and the plug do not come into contact the water
- Higher temperatures during heating can cause discolouration and can damage the non-stick layer.
- Use only nylon or wood utensils so as to not damage the surface sealant.

Cleaning and care

- Clean the item with hot water, detergent and a sponge cloth, or with the soft side of a cleaning sponge. A soft dish brush can also be used to clean the object.
- Stubborn food residue should first be soaked with hot soapy water.
- Under no circumstances are should you clean the household appliances with the sharp side of a soft sponge or cleaned metal sponges. This will scratch and destroy the non-stick layer.
- Generally speaking, non-stick coated parts that can be detached from the base of the electrical unit can be cleaned in the dishwasher, however, it is not recommended.

Testing Methods

Basic Properties

- Suitability for Food Contact
- Visual Aspects
- Dry Film Thickness (DFT)
- Adhesion (Cross hatch)