

GLIDE-X PFA is a unique non-stick specification that is based on the technology of PFA; a specialised fluoropolymer used in industrial bakeries & high protein environments.

Now available as a coil coated system for the first time, Glide-X PFA offers an effective hard wearing barrier providing excellent non-stick performance - particularly in sweet and pastry environments with high continuous use temperatures of 250C, superior stain & chemical resistance and a greater toughness than PTFE. Testing shows excellent non-stick performance with high protein foods such as fish, fats & sugars with little staining.

The specification is recommended for utilisation in oven trays, professional bakeware, high end baking & grilling as well as for use in small electrical appliances such as raclettes, rotary/air fryers, fish grills and contact grills.

SUBSTRATE

Substrate	Gauge min	Gauge max	Width max	Pretreatment
ECCS	0.15mm	0.60mm	920mm	Clean - No pretreatment
Aluminium	0.30mm*	1.70mm		Passivate free from chromium
Aluminised Steel	0.40mm	1.00mm		Passivate free from chromium
Stainless Steel	0.15mm	1.00mm		Passivate free from chromium

*dependent upon alloy/temper/width

COATING FEATURES

GLIDE-X PFA is a double layer system that utilises the latest coil coating technology thermally bonding the coating to the substrate ensuring the best performance from the metal and the coating.

1

The top coat provides excellent non-stick and stain resistant properties

2

The base coat is ceramically reinforced to provide durability and optimum bonding to the metal

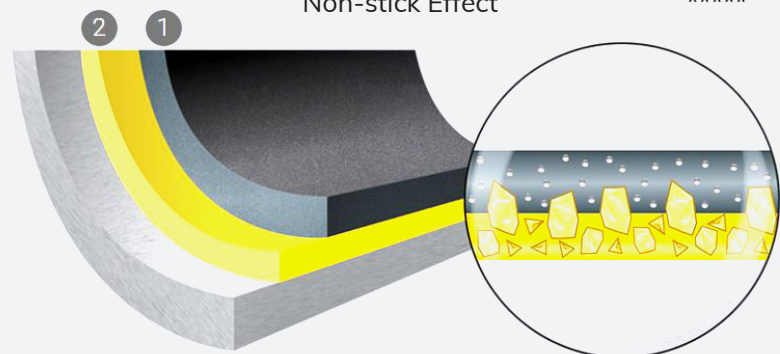
TESTING METHODS

GLIDE-X is tested for

- Suitability for Food Contact
- Visual aspect
- Coating thickness
- Adhesion
- Flexibility

CHARACTERISTICS

No of Layers	2
Coating thickness µm	10-14
Re-inforced base coat	Yes
Curing Temperature °C	370
In use temperature °C	250
Scratch resistance	****
Abrasion resistance	*****
Corrosion resistance	*****
Stain resistance	*****
Non-stick Effect	*****



Non-stick Tests

- Chicken Roaster test
- Steak test
- Baking test
- Egg test
- Jam test

FINISHING SERVICE

GLIDE-X can be supplied cut to size in coil and sheet form

Coil Slitting

Coil ID	406/508mm
Width tolerances	+/- 0.20mm

SHEET BLANKING

Length	Min	220
	Max	2000
	Tol	+/- 0.50mm
Width	Min	150mm
	Max	920mm
	Tol	+/- 0.20mm

GLIDE-X is a registered trade mark of Cooper Coated Coil Limited and is the brand given to the premium performance 2-coat reinforced non-stick coating by coil coating application to the final destination.



PRESENTATION OF MATERIAL

GLIDE-X is packaged according to the standards of the receiving country and despatched by lorry or container to the final destination.

FURTHER PROCESSING

GLIDE-X is formulated to withstand further processing such as:

- Deep drawing
- Folding & roll forming
- Punching, notching and perforating
- Protective polymask film can be applied for additional security

These processes should be discussed in advance to ensure compatibility of the substrate.

The Trial Approval Process is there to ensure that GLIDE-X works through the further processing to arrive at the consumer looking good and performing well.

