

UGINOX® CLEANTOUCH surface solution at your fingertips

Description

- > A decorative stainless surface using a transparent organic coating with finger-print resistant properties.
- > This finish is applied to the topside of a ferritic or austenitic stainless steel substrate with the advantage the coating is barely visible providing a subtle, discreet, high performance visual appeal.

Elements	%C	%Si	%Mn	%Cr
K30	0.04	0.35	0.30	16.50
304	0.050	0.40	1.10	18.20

Typical values

Grade designations	European designation	American designation
K30	1.4016 ⁽¹⁾	Type 430 ⁽²⁾
304	1.4301 ⁽¹⁾	Type 304 ⁽²⁾

KARA
key for value

(1) According to NF EN 10088-2
(2) According to ASTM A 240

Coating performance properties

- > The composition of the coating is such that a transparent durable flexible protection is applied to the stainless steel.
- > The typical coating thickness is 4µm on the topcoat with a foam based back coat available on request.
- > The gloss level at 60° is ≥80 GU.
- > The coating is colourless with a UV resistance of ΔE<2 (500h).
- > Impact resistance of 18J.
- > Surface hardness of ≥ H (pencil test).
- > Resistance to food stuffs up to 90°C (stain test).

Key strengths

- > Ease of working
- > Mechanical resistance
- > Chemical resistance
- > Food safe
- > Light resistance
- > Heat resistance
- > Stain resistance
- > Scratch resistance



Applications

- > This surface solution is ideal suited to hot or cold, dry or wet applications
- > Appliance (refrigerators, ovens)
- > Kitchen equipment (kettle, coffee maker, toaster)
- > Decorative items
- > Internal architectural components
- > Building accessories
- > Sanitary applications
- > Products for use in hygienic environments



Technical highlights

The levels indicated are average values and may vary according to the type of substrate used. This data is not contractual and may be amended in line with technological process improvements relating to the manufacture of the product.



Feature	Performance
Resistance to cracking on bending	≤ 1 T
Impact resistance	18 J
Surface "pencil" hardness	≥ H
Salt spray test (240h on flat sample)	No blistering
QCT (500h – CPI2)	No blistering
Hot water test	No blistering after 1 hour
Cyclic Heat Resistance	ΔE<2 at 120°C
Foodstuffs resistance	Good to very good (up to 90°C)
Resistance to cleaning agents	Good to very good
Resistance to acids and bases	Good to very good
Resistance to solvents: Aliphatics and alcohols Ketones Aromatics	Good to very good Low Good to very good
UV Resistance (500h)	ΔE<2
Resistance to mineral oil	Good

Our dimensional range

Grade	Thickness	Maximum width	Finish	Finish
K30/304	0.4	1250	220 grit	Scotch-brite
K30/304	0.5	1500	220 grit	Scotch-brite
K30/304	0.6	1500	220 grit	Scotch-brite
K30/304	0.7	1500	220 grit	Scotch-brite
K30/304	0.8	1500	220 grit	Scotch-brite
K30/304	1	1500	220 grit	Scotch-brite
K30/304	1.2	1500	220 grit	Scotch-brite



> Available in coil, slit coil and sheet