

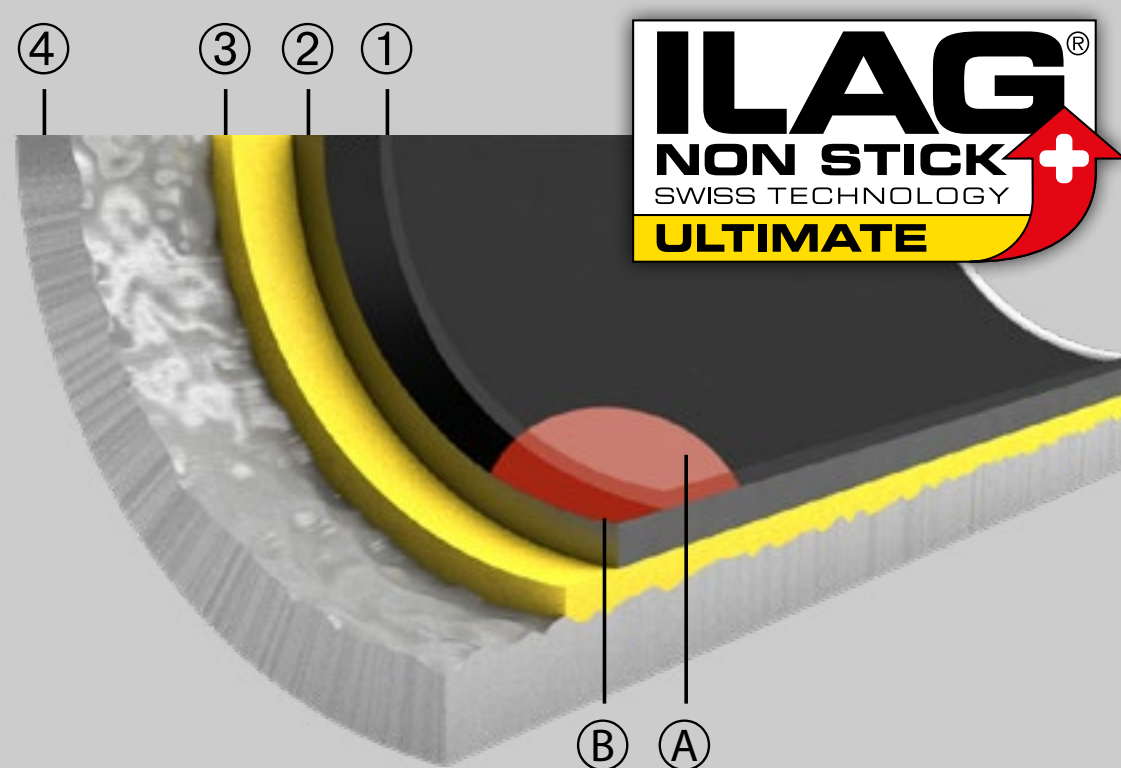


SPECIAL EFFECT

HEATCONTROL – our temperature-indicating product with ULTIMATE performance.
Very good performance for demanding, daily use.

- Unique thermochromatic ink system for Heatcontrol spot
- Heatcontrol spot design can be tailored (use your own logo)
- Very good scratch and abrasion resistance
- Excellent non-stick and corrosion properties
- Requires state-of-the-art pad printing system





- ① Surface sealing applied wet-in-wet to achieve good cleanability
- ② Mid coat with innovative polymer matrix enables best scratch resistance
- Ⓐ Red ink top layer
- Ⓑ Red ink base layer
- ③ Primer with strong ceramic reinforcement
- ④ Specially prepared substrate for an optimum adhesion of the coating to the cookware product

Good to know

Heatcontrol usually requires an investment. Two pad printing systems, a robotic system to transport pans from the line to the printing stations and potentially an additional drying unit is needed.

HEATCONTROL is build-up in combination with a three-layer non-stick coating. This ULTIMATE system is equipped with a ceramic reinforcement for highest demands. It is characterized by an excellent combination of non-stick effect and abrasion resistance. Heatcontrol is suitable for top level cookware.

Characteristics		Performance profile		Substrate	
Quality level for consumers	★★★★	Scratch resistance	★★★★	Pressed / forged alu	✓✓
Basis	PTFE	Abrasion (BS)	★★★★	Cast alu	✓✓
Number of layers	3 + Indicator	Non-stick (LGA)	★★★	Stainless steel	✓✓
Coating thickness µm [mils]	35 - 45 [1.38 - 1.77]	Non-stick (LGA & milk)	★★★		
Curing temperature °C [°F]	420 [788]	Corrosion resistance	★★★★		
Service temperature °C [°F]	250 [482]				
Color variety	various color options feasible				