# **Protection** upgraded







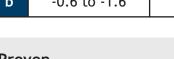


# SurTec 883 XT

# The only Cr(III) Technology with Cr(VI) Colour

SurTec's established trivalent chrome process achieves identical colour values as traditional Cr(VI) processes.

	Cr(VI)	Cr(III) SurTec 883 XT
L	82 to 85	83 to 85
a	-0.4 to -1.0	-0.5 to -0.8
b	-0.6 to -1.6	-0.5 to -1.5



#### Proven

The colour measurement done with Konica Minolta CM-700d shows the same colour values as hex-chrome plated surfaces.



## The advantages at a glance

- Integration into existing lines possible
- Proven technology in global series production
- Similar hardness as chromium(VI) (750 830 HV 0,05)
- Excellent layer thickness distribution between 0.2 and 0.4 μm
- Suitable for mixed installations of chromium(VI) and chromium(III)
- Maximum plant utilisation thanks to high hanging factor
- Meets the highest requirements (including cyclic corrosion test)







# **Protection** upgraded

### **Applications**







Automotive Interiors



Sanitary Industry



**Furnitures** 



**Shop Fittings** 



Household & Sports



SurTec offers a full range of decorative plating technologies for plating on steel, stainless steel, brass, plastics (ABS, PC+ABS, PA), aluminium and zinc die casting.

### SurTec 883 XT compared to chromium(VI)

	Chromium(VI)	SurTec 883 XT
<b>Metal Concentration</b>	180 g/l 🐵	9 - 10 g/l 🙂
Waste Water	Separate handling	Possible in existing line
Treatment	necessary	
Cooling	Yes, starting at 42°C	Not necessary
Rectifier		Lower energy costs
Voltage	8 - 12 V	7 - 10 V
Current Density	8 - 12 A/dm²	3 - 6 A/dm <sup>2</sup>
Anode	Lead 용	MOX
Activation	Yes	Not necessary
Cleaning	Manually (lead)	Not necessary
Sludge	Hazardous waste (lead)	No sludge

#### SurTec/Metakem TCP Anode

- Longer service life
- Lower consumption of
- Patented, specially developed for trivalent chrome applications



### The SurTec 88X family offers a wide range of colours

Discover our entire colour range on our website.



SurTec 881 White Type



SurTec 883 XT Hex-chrome colour



SurTec 885 Dark Type



SurTec 888 Very dark Type

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