

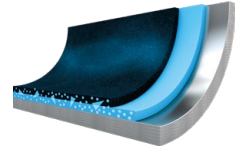
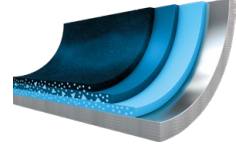
GREBLON® C

technical facts

PTFE spray coating

Also available as GREBLON® C3 FOR LASER

	C2	C2+	C3	C3+	C3+ PEEK	C3+ PRO
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Product name	GREBLON® C2	GREBLON® C2+	GREBLON® C3	GREBLON® C3+	GREBLON® C3+ PEEK	GREBLON® C3+ PRO
Product colour	black metallic	black metallic	black metallic	black metallic	black metallic	black metallic
Product code primer / basecoat	03-5233-709280	03-5234-709229	03-5235-709231	03-5236-709234	03-5230-708549	03-5222-708730
Product code midcoat	-	-	04-5235-709232	04-5236-709235	04-5231-707676	04-5223-708731
Product code spatter	-	-	-	-	-	05-4025-708734
Product code topcoat	12-5233-709282	12-5234-709230	12-5235-709233	12-5236-709236	12-5232-707677	12-5224-708967
	2 coat		2 coat		3 coat	
Number of coats	2 coat	2 coat	3 coat	3 coat	3 coat	4 coat
Components	1	1	1	1	1	1
Primer flash off (metal temperature)	60 – 90 °C	60 – 90 °C	60 – 90 °C	60 – 90 °C	60 – 90 °C + 10 min 380 – 400 °C	60 – 90 °C + 10 min 380 – 400 °C
Curing (metal temperature)	10 min 400 °C	10 min 400 °C	10 min 400 °C	10 min 400 °C	10 min 400 °C	10 min 400 °C

Food safe	yes	yes	yes	yes	yes	yes
PFOA free	yes	yes	yes	yes	yes	yes
APEO free	yes	yes	yes	yes	yes	yes
PTFE	yes	yes	yes	yes	yes	yes

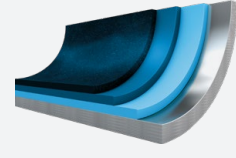
Dry film thickness primer	8 – 12 µm	8 – 12 µm	8 – 12 µm	8 – 12 µm	60 – 90 µm	See processing instructions
Dry film thickness midcoat	-	-	14 – 17 µm	14 – 17 µm	12 – 18 µm	See processing instructions
Dry film thickness topcoat	17 – 23 µm	23 – 27 µm	18 – 22 µm	18 – 22 µm	14 – 20 µm	13 – 19 µm
Recommended substrate roughness Ra	3 – 5 µm	3 – 5 µm	3 – 5 µm	3 – 5 µm	3 – 5 µm	3 – 5 µm
Post-forming possible	no	no	no	no	no	no
Total dry film thickness for optimum properties	> 30 µm	> 30 µm	> 45 µm	> 45 µm	> 90 µm	> 45 µm

Properties:

Non-stick (10 point test) S-Test 115	pass	pass	pass	pass	pass	pass
Corrosion: S-Test 034 3.4 Part 1 (24h-NaCl)	pass	pass	pass	pass	pass	pass
Abrasion: S-Test 032 (BS 7069:1988)	3.000 – 6.000 DR	8.000 DR	> 7.500 DR	> 21.000 DR	> 50.000 DR	25.000 DR
ATP: S-Test 035	90 – 105 min	120 – 135 min	120 – 135 min	90 – 105 min	> 210 min	180 min
GREBLON® Quality Level	★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★

PTFE roller coating

CR

GREBLON® CR
black metallic
03-5250-911255
04-5251-911256
-
12-5253-910952

3 coat
1
50 – 70 °C
3 min 420 °C

yes
yes
yes
yes

3 – 5 µm
4 – 6 µm
13 – 16 µm
> 1,3 µm
yes
> 20 µm

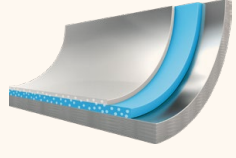
Properties:

pass
pass
> 2.500 DR
> 20 min
★★★

Ceramic spray coating

Also available as GREBLON® CK2 FOR LASER

CK2

GREBLON® CK2
black metallic
03-2850-709014
-
-
06-2851-708994

2 coat
3
none, coat wet on wet
20 min 220 °C

yes
yes
yes
no

30 – 40 µm
-
8 – 12 µm
> 2,5 µm
no
> 45 µm

Properties:

pass
pass
5.000 – 9.000 DR
45 – 60 min
★★★★★