

Corstat® Inplant Handlers

GWP Conductive > Corstat® > Corstat® Inplant Handlers

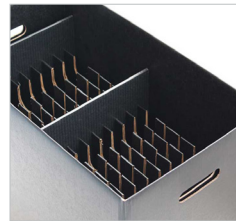


Multi cell boxes

Adjustable, flexible and ESD safe

ESD safe inplant handlers offer a convenient and safe way to store and transport static sensitive items. The Corstat coating provides faraday cage protection (when supplied with a lid). This helps to eliminate damage to your items, reducing the costs associated with returns, stock not fit for sale and dissatisfied customers.

The packs are available in a both custom and a comprehensive range of sizes and are available from stock, assembled or flat packed as required for next day delivery.



Features and benefits

Key benefits of Corstat® Component Boxes

- Flexibility allows for use with huge range of board sizes
- Can be re-used across multiple lines / products / projects
- Enables safe and efficient handling of multiple items
- High level of ESD protection, thanks to Corstat® coating
- Robust physical protection
- Standard sized lines eliminates design and tooling charges
- Biodegradable and recyclable material
- 10-year guarantee on effectiveness of Corstat® coating
- Custom designs available, tailored to your exact requirements

Technical and performance

Corstat® technical details

Electrical

- Surface Resistivity (per ASTM D257-78)
- Buried Shielding Layer $<10^4$ ohms/sq
- Exterior Layer $<10^5$ ohms/sq
- ESD Shielding: 99.9% Attenuation (Capacitive Probe Test)
- Triboelectric Charge Generation approximately 0.1 C/inch std.
- Electrostatic Decay Rate: less than 2.0 seconds to theoretical zero (per Mil B 81705B, Test Method 4046 Federal TMS 101B)

Chemical

- Amines: None
- Galvanic Reaction: None
- Reducible Sulphur: .00035%
- (.0008% non-tarnishing to silver, solder and copper per TAPPI T-406)

Mechanical

- Liner papers 100% pure kraft / Shelf Life 10 years
- Humidity Dependence: No effect on electrical properties

Find out more & see alternative options at: [kaisertech.co.uk](https://www.kaisertech.co.uk)

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Size table

Dimensions and product options

Please see below for a full list of model numbers, sizes, and additional information.

Brand	Part No.	Internal Size (mm)	Max Cell (mm)	Cells	Surface Res.
Corstat®	4000-40	575 x 305 x 328	124 x 25 x 326	40	10 ⁵ Ohm
Corstat®	4000-30	575 x 305 x 328	167 x 25 x 326	30	10 ⁵ Ohm
Corstat®	4000-20	575 x 305 x 328	254 x 25 x 326	20	10 ⁵ Ohm
Corstat®	4000-10	575 x 305 x 328	514 x 25 x 326	10	10 ⁵ Ohm
Corstat®	4001-40	575 x 305 x 400	124 x 25 x 398	40	10 ⁵ Ohm
Corstat®	4001-30	575 x 305 x 400	167 x 25 x 398	30	10 ⁵ Ohm
Corstat®	4001-20	575 x 305 x 400	254 x 25 x 398	20	10 ⁵ Ohm
Corstat®	4001-10	575 x 305 x 400	514 x 25 x 398	10	10 ⁵ Ohm
Corstat®	4003-20	455 x 245 x 480	198 x 19 x 478	20	10 ⁵ Ohm
Corstat®	4003-10	455 x 245 x 478	380 x 19 x 478	10	10 ⁵ Ohm
Corstat®	4005-40	425 x 245 x 280	90 x 19 x 278	40	10 ⁵ Ohm
Corstat®	4005-20	425 x 245 x 280	187 x 19 x 278	20	10 ⁵ Ohm
Corstat®	4005-10	425 x 245 x 280	380 x 19 x 278	10	10 ⁵ Ohm
Corstat®	4007-40	435 x 245 x 190	90 x 19 x 188	40	10 ⁵ Ohm
Corstat®	4007-30	435 x 245 x 190	121 x 19 x 188	30	10 ⁵ Ohm
Corstat®	4007-20	435 x 245 x 190	187 x 19 x 188	20	10 ⁵ Ohm
Corstat®	4007-10	435 x 245 x 190	380 x 19 x 188	10	10 ⁵ Ohm
Corstat®	4008-80	550 x 390 x 186	49 x 43 x 184	80	10 ⁵ Ohm
Corstat®	4008-40	550 x 390 x 186	92 x 43 x 184	40	10 ⁵ Ohm
Corstat®	4010-50	332 x 274 x 128	64 x 24 x 126	50	10 ⁵ Ohm
Corstat®	4010-10	332 x 274 x 128	198 x 24 x 126	10	10 ⁵ Ohm
Corstat®	4012-100	448 x 348 x 124	42 x 32 x 122	100	10 ⁵ Ohm
Corstat®	4012-50	448 x 348 x 124	87 x 32 x 122	50	10 ⁵ Ohm
Corstat®	4014-100	378 x 368 x 66	70 x 15 x 64	100	10 ⁵ Ohm
Corstat®	4014-40	378 x 368 x 66	169 x 15 x 64	40	10 ⁵ Ohm
Corstat®	4016-80	580 x 299 x 80	110 x 16 x 78	80	10 ⁵ Ohm
Corstat®	4016-32	580 x 299 x 80	240 x 16 x 78	32	10 ⁵ Ohm

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GWP Conductive > Corstat[®] > Corstat[®] Inplant Handlers

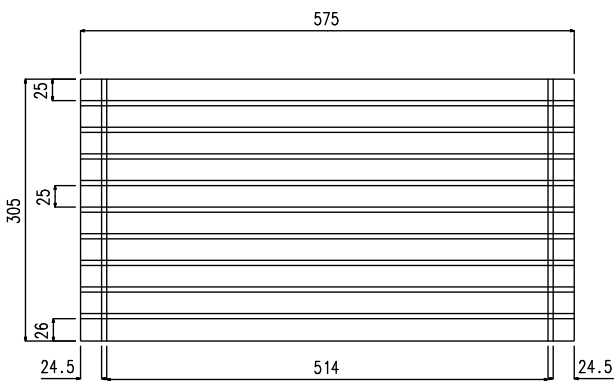
Layout diagrams

Additional User Information for Corstat Inplant Handler range

The diagrams below (and on the following pages) show the layout for the specific Inplant Handler products. These stock Inplant Handlers show the most common configurations, but by adding / removing dividers many other cell sizes can be achieved.

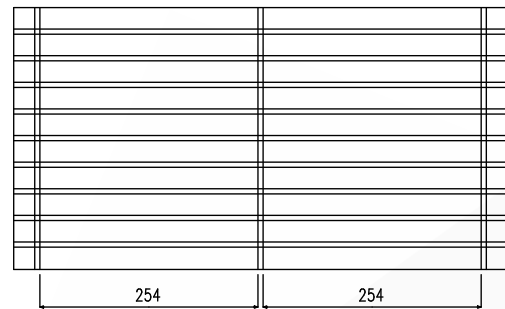
4000-10

B flute folded 326 hi (box 328) [9L+2S]



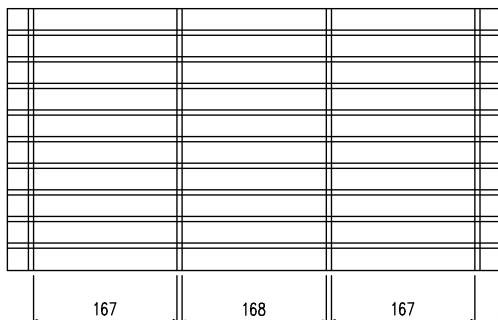
4000-20

[9L+3S]



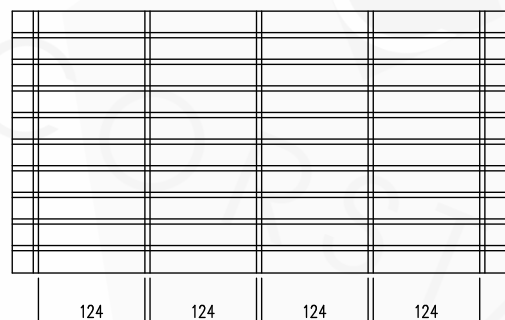
4000-30

[9L+4S]



4000-40

[9L+5S]



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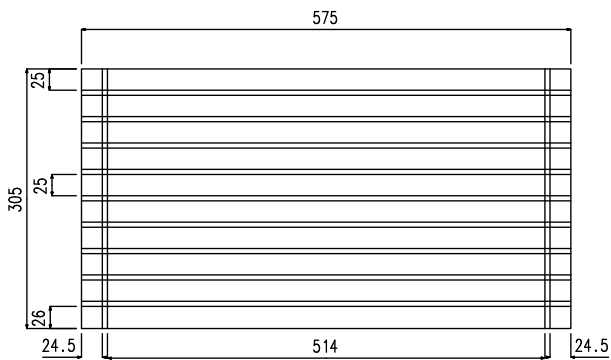
GWP Conductive > Corstat[®] > Corstat[®] Inplant Handlers

Layout diagrams

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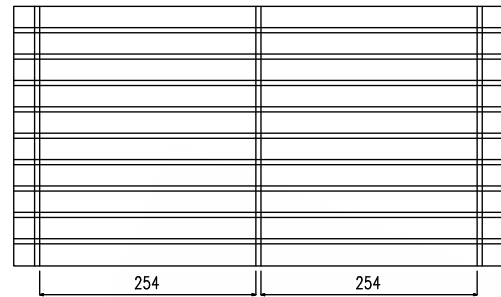
4001-10

B flute folded 398 hi (box 400) [9L+2S]



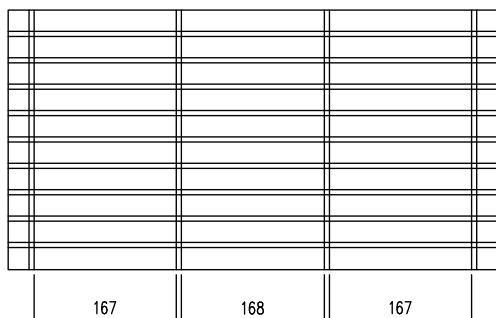
4001-20

[9L+3S]



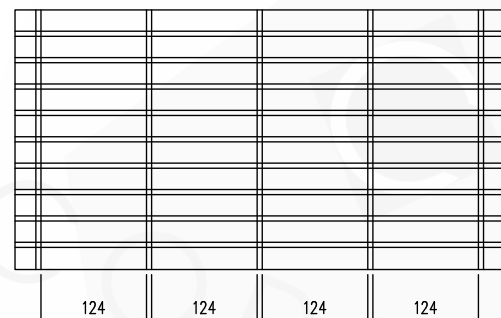
4001-30

[9L+4S]



4001-40

[9L+5S]



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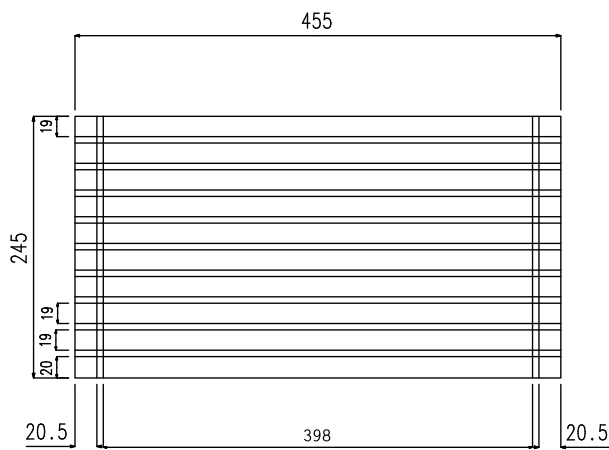
GWP Conductive > Corstat[®] > Corstat[®] Inplant Handlers

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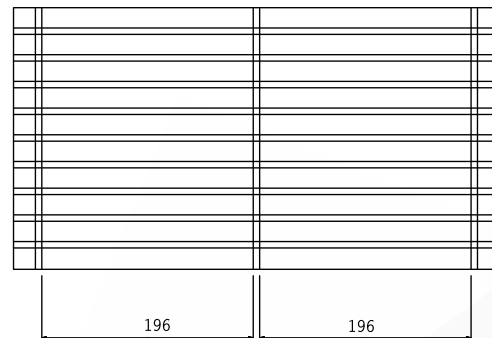
4003-10

B flute folded 478 hi (box 480) [9L+2S]



4003-20

[9L+3S]



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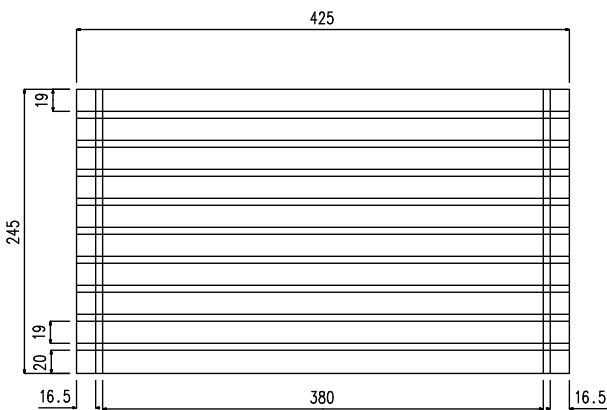
GWP Conductive > Corstat® > Corstat® Inplant Handlers

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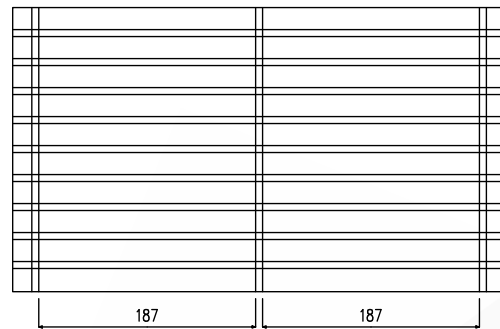
4005-10

B flute folded 278 hi (box 280) [9L+2S]



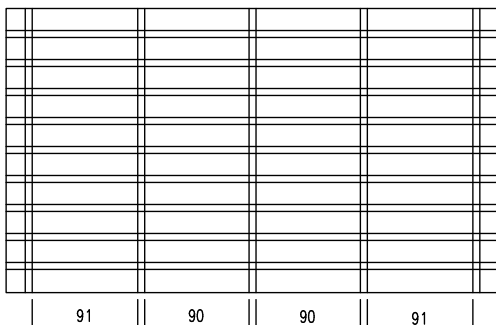
4005-20

[9L+3S]



4005-40

[9L+5S]



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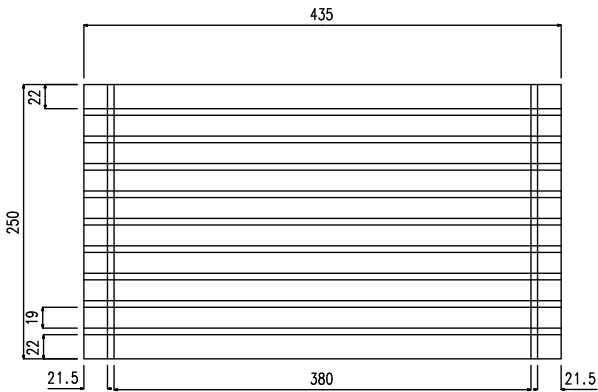
GWP Conductive > Corstat[®] > Corstat[®] Inplant Handlers

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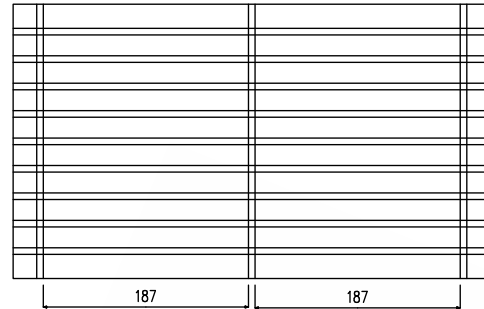
4007-10

B flute folded 188 hi (box 193) [9L+2S]



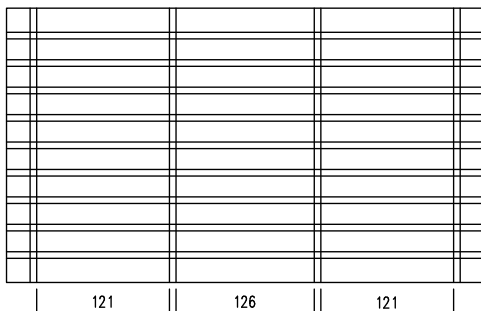
4007-20

[9L+3S]



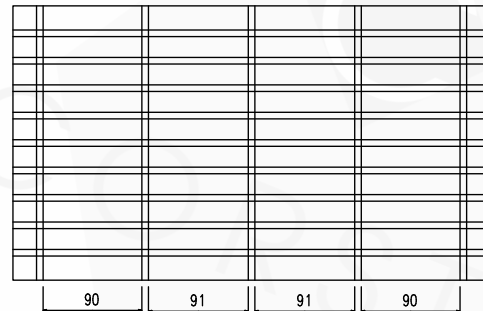
4007-30

[9L+4S]



4007-40

[9L+5S]



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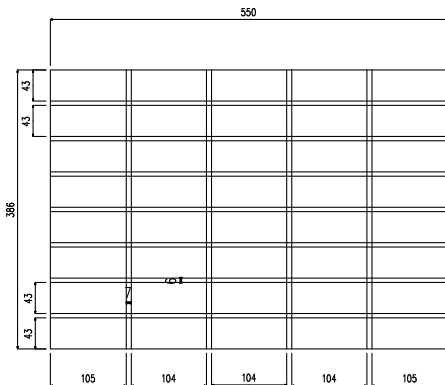
GWP Conductive > Corstat[®] > Corstat[®] Inplant Handlers

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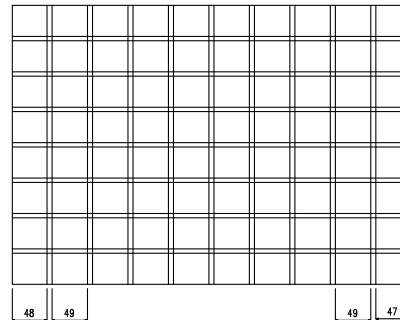
4008-40

B flute folded 128 hi (box 400) [7L+2S]



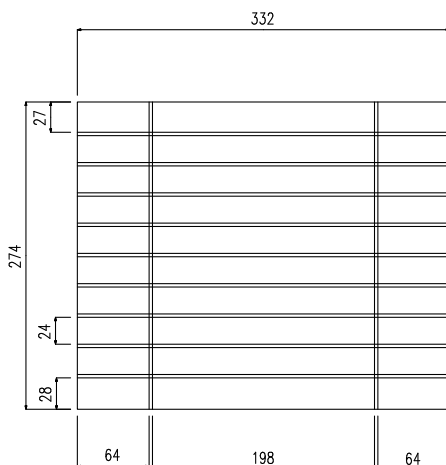
4008-80

[7L+9S]



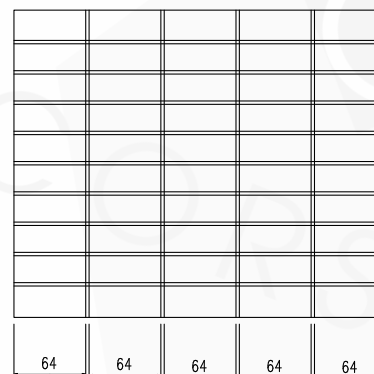
4010-10

B flute folded 128 hi (box 128) [9L+2S]



4010-50

[9L+4S]



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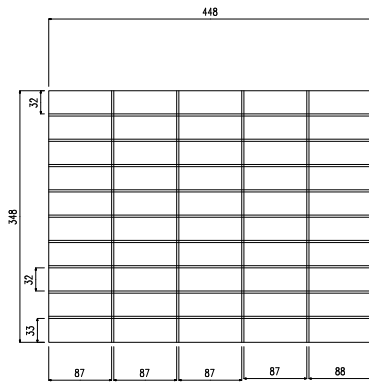
GWP Conductive > Corstat[®] > Corstat[®] Inplant Handlers

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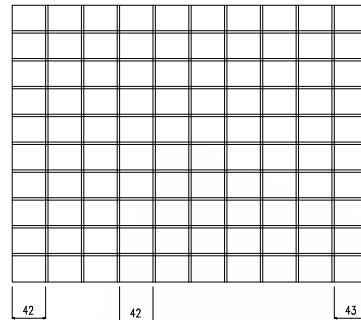
4012-50

B flute folded 122 hi (box 328) [9L+4S]



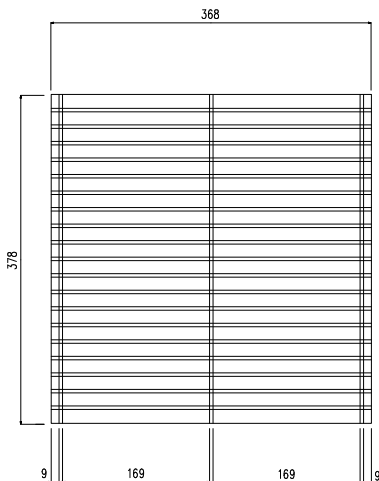
4012-100

[9L+9S]



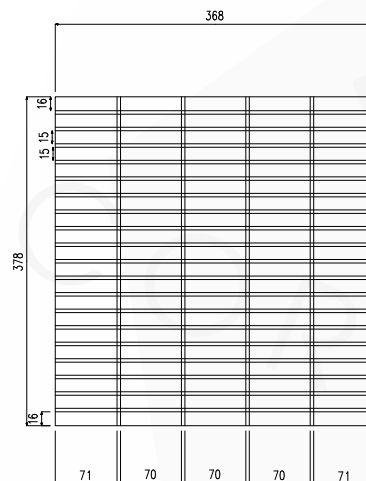
4014-40

[3L+19S]



4014-100

E Flute folded 64 hi [4L+19S]



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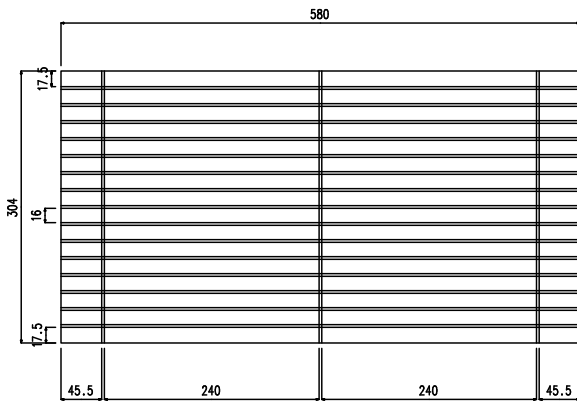
GWP Conductive > Corstat® > Corstat® Inplant Handlers

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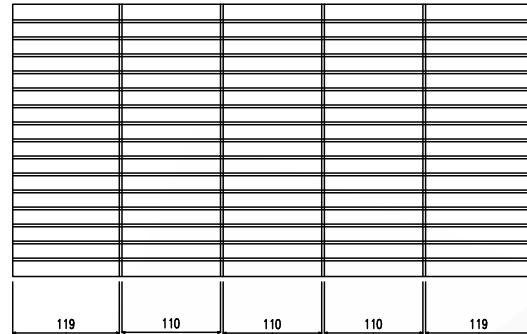
4016-32

B flute 102 hi 78 div hi [15L+3S]



4016-80

[15L+4S]



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