



# Q-PANEL

## Corrosion Test Coupons

### Summary

For over 50 years, Q-PANEL® test substrates have been recognized as the world standard for a consistent and uniform test surface for paints, plating, adhesives, sealants, rust inhibitors and other coatings.

This consistency and uniformity is now available through Q-Lab's CX-series corrosion test coupons. Corrosion test coupons ensure repeatability and reproducibility when performing laboratory corrosion testing. They help a user independently monitor the test conditions in the chamber by measuring the mass loss of the coupons as the test progresses. CX corrosion coupons are designed to meet the stringent requirements specified in many international modern corrosion test methods.

### Features and Benefits

- Meet requirements of GMW14872, ASTM B117, SAE J2334, SAE J2721, ISO 9227, and VDA-233-102
- Pre-cleaned and ready to use right out of the package
- Often half the price of competitors' coupons

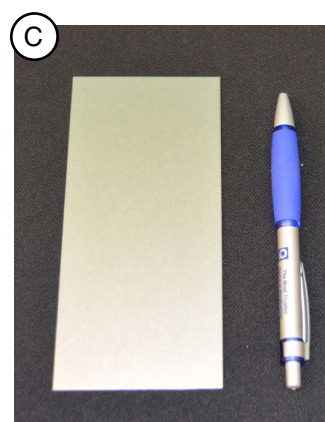
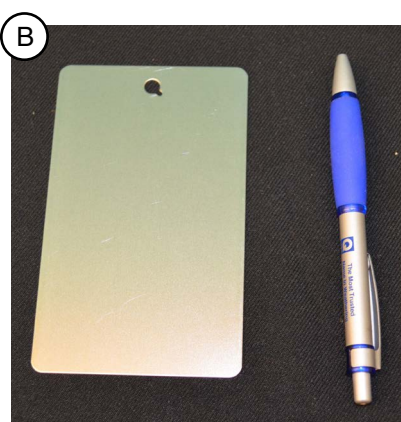
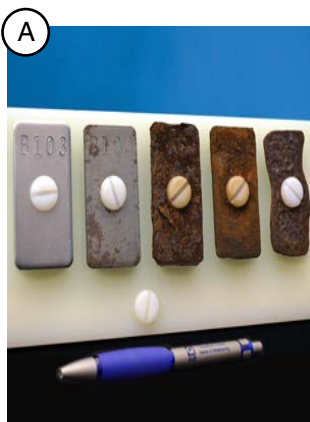
All Q-PANEL CX-series corrosion coupons include a Certificate of Analysis, come pre-cleaned, and are ready to use right out of the package. This allows the user to simply weigh the panels and place them in the tester, saving time and effort. And best of all, CX corrosion coupons are often half the price of competitors' coupons.

### A) Q-PANEL Stock Numbers, Standards Met, and Sizes

Stock Number	Photo	Meets Standards:	Size (W x L) ± 1 mm (± 0.04 in)	Thickness ± 0.05 mm (± 0.002 in)	Box Qty	In Stock?	
						US	EU
CXB-12-K	A	GMW14872, 9540P, SAE J2334, J2721	25 x 51 mm (1 x 2 in)	3.00 mm (0.125 in)	30 <sup>1</sup>	●	●
CXC-35-K	B	ASTM B117	76 x 127 mm (3 x 5 in)	0.80 mm (0.032 in)	30 <sup>2</sup>	●	●
CXD-2.76-5.90-K	C*	ISO 9227 VDA-233-102	70 x 150 mm (2.76 x 5.90 in)	1.20 mm (0.047 in)	30 <sup>2</sup>	●	●

**Notes:** \* No Q-shaped hole ● In-Stock

1. Box qty 30 includes 3 sealed packs of 10 each, extra set of plastic mounting hardware. Corrosion coupon rack sold separately (Part No. F-9220-X).
2. Box qty 30 includes 5 sealed packs of 6 each.
3. Q-PANEL CX-series coupons are only sold in quantities of 30. Broken boxes are not permitted.



## B) Q-PANEL Alloys, Mechanical Properties and Chemical Composition

	Type CXB	Type CXC	Type CXD
<b>SAE Material Designation</b>	1008/1010	1008/1010	1006
<b>ASTM Material Specifications</b>	A1008, CS Type B	A1008, CS Type B	A1008, DS Type B
<b>ISO Material Specifications</b>	N/A	3574 Type CR1	3574 Type CR4
<b>Roughness R<sub>a</sub> (micro-inches)</b>	20-25	25-65	20-44
<b>Surface Finish</b>	Dull Matte	Dull Matte	Dull Matte
<b>Carbon (% max)</b>	0.13	0.15	0.08
<b>Manganese (% max)</b>	0.60	0.60	0.45
<b>Phosphorus (% max)</b>	0.035	0.030	0.030
<b>Sulfur (% max)</b>	0.035	0.035	0.030

## C) Custom Corrosion Coupons

In addition to our standard corrosion panels, we can also make types and sizes not shown in this specification bulletin, in a variety of shapes, alloys and finishes. This includes curved, bent, grit-blasted, welded, embossed, perforated, and other options. Contact Q-Lab with your custom corrosion coupon specifications now!



The Q-PANEL automotive refinish training system is a cost-effective simulation of hoods and fenders.



Custom panels in complex shapes can be created with a small minimum order size.



A variety of different pre-painted, patterned and other custom panels can be made upon request.



Panels can be customized in dozens of different ways, such as adding your company's logo.

## Cleaning and Packaging

Our production process thoroughly cleans the panels and removes any oil or contaminants that might be on the surface. Steel panels are packed in plastic bags with vapor phase rust inhibitor and shipped in a sturdy cardboard carton. With this multilayer packaging, our steel panels may have a shelf life of up to 10 years. In most cases the panels can be used right out of the package. However, for critical applications it may sometimes be necessary to remove traces of the rust inhibitor with a distilled water or MEK wipe prior to coating the panel.

## Quantity Discounts

Quantity discounts are available. Please consult with Q-Lab or your local representative for details.

## Satisfaction Guaranteed

If the panels do not meet your expectations of quality, you may return them for a full refund or replacement. Just call for a return authorization number. For other returns and replacements, a 15% restocking fee will be charged (\$50 minimum). Q-Lab Corporation makes no other warranties, including implied warranties of merchantability or fitness for a particular purpose, except as may be expressly provided by Q-Lab Corporation in writing. Q-Lab Corporation shall not be liable for any incidental, consequential, special or contingent damages arising out of the sale or use of any product. Warranty is only valid on shipments within the United States. Due to shipping circumstances beyond our control, we are not able to offer warranties on exported panels.

## Q-Lab Corporation

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