

# Coupon Holders

## Fixed (Pipe Plug) Coupon Holders

Metal Samples carries a variety of standard pipe plug coupon holders for flat and cylindrical specimens. We can design and make these assemblies to meet your specifications for size and material requirements.

### Pipe Plug Assemblies for Flat Coupons

P/N	Plug Size	3" (Std.) Stem	Used with Coupon P/N
RC12E*100036	3/4" NPT	Nylon	CO102, CO117
RC13E*100036	1" NPT	Nylon	CO102, CO117
RC12Q*100036	3/4" NPT	Teflon®	CO102, CO117
RC13Q*100066	1" NPT	Teflon®	CO102, CO117
RC12E*010036	3/4" NPT	Nylon	CO100, CO103, CO115
RC13E*010036	1" NPT	Nylon	CO100, CO103, CO115
RC12Q*010030	3/4" NPT	Teflon®	CO100, CO103, CO115
RC13Q*010026	1" NPT	Teflon®	CO100, CO103, CO115
RC12E*030036	3/4" NPT	Nylon	CO118, CO120
RC13E*030036	1" NPT	Nylon	CO118, CO120
RC12Q*030036	3/4" NPT	Teflon®	CO118, CO120
RC13Q*030035	1" NPT	Teflon®	CO118, CO120
RC12E*090036	3/4" NPT	Nylon	CO105, CO106
RC13E*090036	1" NPT	Nylon	CO105, CO106
RC12Q*090036	3/4" NPT	Teflon®	CO105, CO106
RC13Q*090036	1" NPT	Teflon®	CO105, CO106
RC11E*010036	1/2" NPT	Nylon	CO100, CO103, CO115

\* Add "3" to part number for Carbon Steel or "C" for PVC plug.  
(Example: Carbon Steel 3/4" pipe plug Nylon stem = RC12E3100036.)

### Pipe Plug Assemblies for Cylindrical Coupons

P/N	Carbon Steel Plug	Insert	# of Stems
PA2080709413	2" NPT	Nylon	8
PA2080783413	2" NPT	Teflon®	8
RC11E3040000	1/2" NPT	Nylon	1
RC12E3040000	3/4" NPT	Nylon	1
RC13E3040000	1" NPT	Nylon	1

All of these holders are used with ES2 series coupons.

## Bypass Piping Systems

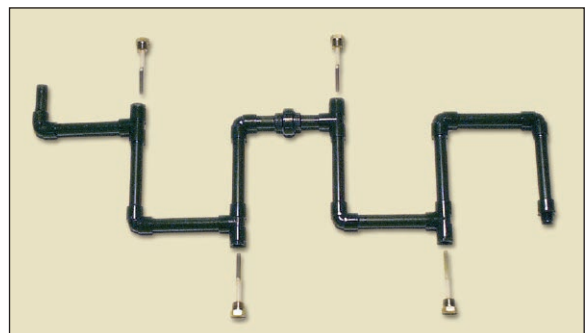
We provide conventional or custom-designed bypass systems for on-line corrosion monitoring. Commonly used in the industrial water treatment industry to determine the corrosive properties of potable or cooling water, these systems are available in PVC, carbon and stainless steels, and other materials.

Bypass systems are easily installed to your existing piping. Normally, all you need is a 1" NPT male fitting on which to attach the bypass. Standard bypass systems come equipped with 4 pipe plug assemblies, 4 pre-weighted mild steel coupons, and a 5-gpm flow control valve.



### Bottle Cap Coupon Holder Assemblies

used with Schott bottles with a DIN GL 45 thread.



## Adjustable Coupon Holders

**Low Pressure** or **Hand Insertable** systems can be used for pressures up to 125 psi. This assembly is commonly used in the water treating industry for coupon insertion through a full port valve. An example of this is in a municipal water pumping station, where leakage during withdrawal of the test coupon would not be critical.

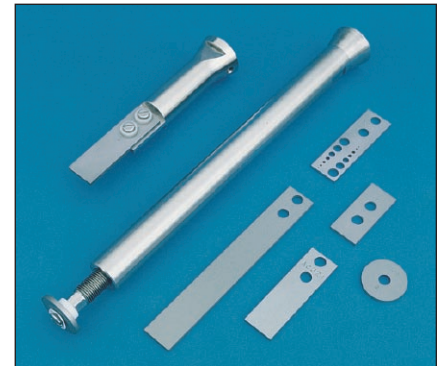


## Retractable Coupon Holders

**Packing Gland** systems are used in more demanding environments, where ratings up to 1,500 psi are required and leakage is prohibited. These systems do not require line (process) shutdown to insert or withdraw coupons. The assembly is used for coupon insertion through at least a 1" full port valve. A safety chain is provided to prevent accidental ejection.

## Retrievable Coupon Holders

These coupon holders are used with High Pressure Access Systems where pressure ratings up to 3,600 psi are required. **For more information, see our Corrosion Monitoring Systems catalog, CD catalog, or website at [www.metalsamples.com](http://www.metalsamples.com).**



## Post Exposure Coupon Analysis



Metal Samples offers post exposure coupon analysis. Our trained technicians will perform weight loss analysis and determine mils per year (MPY) corrosion rates of your exposed test samples. We are in adherence to ASTM-G1 specifications for cleaning and analyzing coupons.

When using this service, ensure that initial coupon weights, exposure dates, and locations are recorded for each sample. This information can be recorded on the front of a VCI coupon storage bag.

Optional services include pit depth measurement and photos of the coupons before and after analysis. For additional information on post exposure coupon analysis see "Coupon Evaluation after Exposure" on page 32.

