

# WEIGHT LOSS COUPONS

## Selecting Weight Loss Coupons

Weight loss coupons are commonly secured onto a robust holder using a method that electrically isolates the coupon from its mount. These coupons can be mounted individually, in pairs, or in multiple pairs, depending on factors like process conditions, anticipated corrosion mechanisms, and the type of access fitting. The resulting outcomes can vary greatly depending on these factors, underscoring the importance of carefully selecting the appropriate combination.

For expert guidance on choosing the best options, please contact a Corr-defense Specialist.



## Coupon Configurations

Strip coupons are typically installed in pairs and positioned either within or partially within the process flow.

Disc coupons, on the other hand, are usually flush-mounted to the wall of the pipe or vessel to closely replicate conditions at the process/containment interface. Scale coupons feature a strip-shaped design with variously sized holes, allowing for the evaluation of scaling tendencies. Weld coupons consist of sections of a weld, including heat-affected zones and parent metal, utilized to assess preferential weld corrosion. Stressed coupons are exposed to a predetermined amount of bending stress via a specialized mounting arrangement, enabling the evaluation of susceptibility to stress corrosion cracking.

Among these configurations, Strip and Disc types are the most commonly used. Coupons are provided cleaned, weighed, and serial numbered, then sealed in corrosion-inhibiting envelopes along with a set of insulators.

With various materials, dimensions, and finishes available, it's advisable to consult with a Corr-defense expert for both technical and commercial assistance.

**Standard Oil & Gas Coupons**

Materials	Dimensions
-1018 CS [UNS.G10180]	Strip [2-7/8" x 7/8" x 1/8"]
-API 5L X52	Scale [2-7/8" x 7/8" x 1/8"]
-A333 GR6	Ladder [2" x 7/8" x 1/8"]
-A106 GRB	Flush Disc [1.25" x 1/8"]
-API 5L X60/X65/X70	Multi Disc [1.25" x 1/8"]
-QPSL2	6" Strip [6" x 7/8" x 1/8"]
-2205	Retractable Strip [3" x 1/2" x 1/16"]
-S31803	Retractable Scale [3" x 1/2" x 1/16"]
-S355J2+N	
-L80-13C/L80-1	
-316(L)/304(L)	

\*LPR Probe Electrodes & Bio-film Elements are also available - [contact info@corr-defense.us](mailto:info@corr-defense.us) for options.



**Standard Oil & Gas Coupons**

**Standard Laboratory & Water treatment Coupons**

Materials	Dimensions
Aluminum 6063	[25 x 15]
Arsenical Brass C46500	[50 x 25]
316Ti	[76.2 x 12.7]
317L	
4130	
431	
17-4PH	
S31254 6Mo	
904L	
Nickel Alloy B3	
Inconel's	
Hastelloy's	
Alloy 925	
L80-9Cr	
L80 Super 13Cr	
API 5L X42	
A335 P9	
A335 P5	



**Standard Laboratory & Water treatment Coupons**

\* The Materials and Dimensions listed are the most common and readily available. Many other configurations are available and so please submit materials and dimensions for the best pricing & delivery options - [info@corr-defense.us](mailto:info@corr-defense.us)

**Sample Part Numbering:**

**STRIP-2.875X0.875X0.125-G10180-A-A-A**

Model	Dimensions	Material	Finish	Insulators	Serial No.
Strip Corrosion Coupon	2.875" Long 0.875" Wide 0.125" Height	1018 CS	Ground	Nylon	Stamped One Side