

**GENERAL**

The Caproco standard retractable access fitting assembly provides access to systems operating at pressures up to 1,500 psi, eliminating any need for system shutdown in order to obtain vital corrosion data.

The design of the low pressure access fitting assembly allows the installation, removal and maintenance of a wide range of probes, coupon holders and reference cells to be accomplished in a safe and easy manner.

**APPLICATION**

The stuffing box contains a Teflon packing to ensure a proper seal, and locking ferrules to hold the monitoring device in position during operation.

The union provides a method of releasing pressure trapped above the closed valve and also eases change-out of the monitoring equipment.

All monitoring devices come equipped with an integrated blow out preventor that prevents the monitoring device from coming completely out of the access fitting.

For safety and ease of operation, the use of a Caproco Low Pressure Retractor is recommended for systems operating above 300 psi. Various sizes of retractors are available; the size required is dependent on the maximum length of probe or coupon holder to be used.

**TEE OPTION**

Caproco offers a tee retractable access fitting that incorporates a bleed nipple option. The nipple, available in either threaded or socket welded configurations, permits the operator to depressure the access fitting assembly after retraction and drain any trapped fluid safely to a suitable containment location. The bleed option also acts as a safety backup, allowing the operator to verify that the primary valve has contained line pressure before loosening-off the union.



**Low Pressure Access Fitting shown  
with Retractable Coupon Holder**

## SPECIFICATIONS

Caproco retractable access fittings are manufactured entirely from 316 stainless steel components with Teflon packing. Assemblies in other materials are available upon request. Access fittings are pressure tested after assembly to ensure proper field performance.

Maximum Operating Pressure	1,500 psi (10.3 MPa)
Maximum Operating Temperature	500°F (260°C)

Standard retractable access fitting assemblies are designed to be mounted through a 1" NPT thread-o-let. A 1½" NPT access fitting assembly is also available.

## Standard Retractable Access Fitting Assembly (P/N 11653) - Comprised of:

DESCRIPTION	PART NUMBER
Retractable Stuffing Box Assembly, 1" NPT	11642
Nipples, 1" NPT (Set of 3)	11654
Union, 1" NPT	11655
Full Port Ball Valve, 1" NPT	11656
Safety Clamp Assembly	--

NOTE: The standard stuffing box (1" NPT) uses a 5/8" probe/coupon holder shaft diameter.

Contact Caproco for appropriate sizing and part number information for coupon holders/probes.

## AVAILABLE OPTIONS

DESCRIPTION	PART NUMBER
Replacement Packing, Teflon	54514
Graphoil Packing (High Temperature)	54583
Reducing Nipple, 1½" x 1" NPT	51203
Reducing Nipple, 2" x 1" NPT	51200
Bleed Nipple, 1" x 1" NPT	51143
Bleed Nipple, 1½" x 1" NPT	51304
Bleed Nipple, 2" x 1" NPT	51178

