












CE94/3000XX



Aluminium Handle


Features & Benefits

-  Interlock latch prevents accidental actuation if the coupler is subject to lateral impact.
-  3 Year Warranty on all metal parts.*
-  Handle to body interlock ensures that SAFELOAD will not open unless connected correctly nor uncouple until fully closed.
-  Strengthened steel collar ensures a robust latch engagement with the outer collar, reducing wear and increasing safety.
-  Tapered lead-in of coupler ensures failsafe alignment with tank adaptor.
-  Instant “snap on” fixture to tank adaptor.
-  Four wrap-around extended triggers lock the coupler securely in place.
-  Internal main actuating springs are not vulnerable to damage or corrosion.
-  Compression spring-energised main seal offers longevity of service.
-  Wear critical components tested to simulate over 5 years continual service.
-  Trigger design allows full alignment and connection even if loading arms are crossed over.

*Under standard environmental conditions.
See www.fortvale.com/FVETCOFSALE.pdf (paragraph 9)

Service Guidelines

Fort Vale recommends a monthly visual inspection on couplers over 6 months old. It should be noted that the life of the coupler is not only determined by the frequency of use but also by the product carried.

 Operating Instructions for Safeload semi-automatic coupler - **OPIN44**

Safeload Semi-Automatic High-Pressure API Coupler - Designed for bottom loading with a unique wrap-around trigger design that follows the profile of the loading adaptor, covering more than 50% of its circumference. Incorporating an interlock safety latch.

4" TTMA inlet flange. Outlet connection complies with API RP 1004. Materials of construction - hard anodised aluminium, nitrided steel and stainless steel. Fitted with Viton B seals and stainless steel operating handle as standard. Operating instructions included.

Seal options - See Range

Options - Version with integral drain pot. Standard 6 Bar semi-automatic version. Manually operated version. Available with ball-end aluminium handle.

Specification

Part Number : CE94/3000XX - Stainless steel handle
CE94/3100XX - Aluminium handle

XX indicates variable seal material, see Range

Weight	12.86 Kg
Design Pressure 1(MAWP)	
Coupler Open Connected	10 Bar (145.0 PSI)
Design Pressure 2(MAWP)	
Coupler Closed Disconnected	16 Bar (232.0 PSI)
Test Pressure 1	
Coupler Open Connected	15 Bar (217.5 PSI)
Test Pressure 2	
Coupler Closed Disconnected	24 Bar (348.0 PSI)

Compliant with ATEX Group II, Cat 2; EN 13083 & API RP1004 (2003).

Range

Part No.	Seal Material/Colour	Temp. Range
CE94/3X00	Viton B - Black	-13°C to +50°C +9°F to +122°F
CE94/3X00GF	Viton GFLT-S – Grey	-23°C to +50°C -9°F to +122°F
CE94/3X00MF	Ultra-low temp. Fluorocarbon - Brown	-40°C to +50°C -40°F to +122°F
CE94/3X00PF	Perfluoroelastomer – Green	-15°C to +50°C +5°F to +122°F

X in Part No. above indicates variable handle. See Specification above.

Associated Parts

Associated Parts	Part Number
Extended inlet spool piece – *See Note	94/22XX
Loading adaptor wear gauge	94/2150
Parking nose – Bottom Loading Coupler	94/25PC
Coupler seal replacement tool	400/9440
4" TTMA Check valve	94/3690XX/X

*NOTE : “XX” indicates variable length
Minimum length : 120mm