














CE94/2500XX



Aluminium Handle

Features & Benefits


-  Bumper ring protects against glancing blows.
-  3 Year Warranty on all metal parts.*
-  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.
-  SAFELOAD will not open unless connected correctly nor uncouple until fully closed.
-  Compression spring energised main seal.
-  All seals may be replaced in-situ using the correct tools and procedure.
-  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.
-  Release handle has fewer parts so it is very easy to strip down.
-  The shaft and nut assembly is easy to maintain.
-  The double seal arrangement stops dirt from entering the seal pocket.

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*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 - **OPIN21**

Safeload Semi-Automatic API Coupler - Designed for bottom loading with a unique wrap-around trigger design that follows the profile of the loading adaptor, covering more than 60% of its circumference.

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 - High pressure version. Manually operated version. Available with ball-end aluminium handle.

Specification

Part Number : CE94/2500XX - Stainless steel handle
CE94/2400XX - Aluminium handle

XX indicates variable seal material, see Range

| | |
|------------------------|--------------------|
| Weight | 12.15 Kg |
| Design Pressure (MAWP) | 6 Bar (87 PSI) |
| Test Pressure | 10 Bar (145.0 PSI) |
| Max. Surge Pressure | 15 Bar (217.5 PSI) |

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

Range

| Part No. | Seal Material/Colour | Temp. Range |
|-------------|---|-----------------------------------|
| CE94/2X00 | Viton B - Black | -13°C to +50°C +9°F to +122°F |
| CE94/2X00GF | Viton GFLT-S – Grey | -23°C to +50°C -9°F to +122°F |
| CE94/2X00MF | Ultra-low temp. Fluorocarbon - Brown | -40°C to +50°C -40°F to +122°F |
| CE94/2X00PF | 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 | 400/9420 |
| 4" TTMA Check valve | 94/3690XX/X |

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