

CE94/2700XX



Aluminium Handle

Safeload Manual 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 handle as standard. Operating instructions included.

Seal options - See Range

Options - Semi-automatic and high-pressure versions. Available with ball-end aluminium handle.

Features & Benefits

- 3 Year Warranty on all metal parts.*
- Tapered lead-in of coupler ensures failsafe alignment with tank adaptor.
- Four wrap-around extended triggers lock the coupler securely in place.
- SAFELOAD will not open unless correctly connected and may not be uncoupled until fully closed.
- Compression spring energised main seal.
- All seals may be replaced in-situ using the correct tools and procedure.
- New trigger design also stops the twist if arms are crossed over, keeping the coupler nose in line with the adaptor.
- The new shaft and nut assembly is easier to maintain.
- The new 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 recommend 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.

Safeload Manual Coupler Operating Instructions available - **OPIN31**

Specification

Part Number : **CE94/2700XX** - Stainless steel handle
CE94/2800XX - Aluminium handle

XX indicates variable seal material, see Range

Weight	10.2 Kg
Design Pressure (MAWP)	6 Bar (87 PSI)
Test Pressure	10 Bar (145.0 PSI)
Design Temperature Range	See Table below
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	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