

VAPOUR RECOVERY COUPLER

Series 051390RV

Technical specifications

silea

Liquid Transfer Srl

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The Silea coupler series 051390RV is designed to recover the vapour inside a tank truck during bottom loading (also known as "closed cycle"). The coupler respects the API RP 1004 Standards and can be used with all compliant couplers.

Technical features

Nominal diameter/ Coupling	Flange 4" TTMA
Fluid type	Hydrocarbons vapours
Design pressure	0,3 bar
Working pressure	0,05 bar
Test pressure	0,5 bar
Design temperature	-40°C / +65°C
Max flow rate	≤ 150 m ³ /h



The main parts of the coupler are made in aluminium alloy. Standard seals in hydrogenated Buna (HNBR) are easy to maintain. The surfaces subject to wear are hard coated.

Standards and Regulations

- Conformity Declaration of current Directive **ATEX** for Equipment used in Potentially explosive atmospheres
- Customs Declaration of certification for Russia, Kazakhstan, Belarus, **EAC certification**.
- Standard **API-ASTM-ANSI-TTMA**.

Options:

- Coupler with female threaded terminal GAS 3"
- Coupler with female threaded terminal GAS 4"

Accessories:

- Valve connection sensor Ex-ia II2GD
- Park device
- Park device with Ex-d II2GD sensor
- Park device with Ex-ia II2GD sensor

Maintenance kit codes

Seals material	Complete KIT	Gaskets KIT
HNBR	KM051390B	KG051390B

Standard documentation

- Declaration of conformity to regulations
- Declaration of material conformities and functional test (CCC)
- Manual of use and maintenance (MUM)

Documentation on request

- **Materials specifications map (MIM):**
 - Certification 2.2 EN 10204 for aluminium

