

FEMALE SEMIAUTOMATIC COUPLER

Series 05131102

Technical specifications

silea

Liquid Transfer Srl

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The Silea Female Semi-automatic Coupler series 05131104 is designed to achieve a quick and dry coupling, without loss of product, between a Bottom Loading Arm or a hose and the Male Coupler on a tank truck. The difference with the manual type is that the Coupler hooks automatically to the male coupler before opening the flow.

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	
Design pressure	10 bar	
Working pressure	3-5 bar	
Test pressure	15 bar	
Max coupling pressure	6 bar	
Design temperature	-15°C / +65°C	
Nominal flow rate [flow speed: 4.5 m/s]	120 m ³ /h	2000 l/min
Max flow rate	150 m ³ /h	2500 l/min



The main component of the coupler are made in aluminium alloy. Standard seals in fluoroelastomer FKM-GLT (Viton® for -40°C/+200°C) are easy to maintain. The surfaces subject to wear are hard coated.

Standards and Regulations

- Conformity Declaration of current Directive **PED** for Pressure Equipment
- 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**.