

# Series 550 – Standard & Vented Safety

A-A 59439 (former U.S. Standard MIL C 4109 1/2”), ISO 6150 B  
FRANCE, NORTH AMERICA, NORWAY

- **Strong and durable**
- **Extremely easy to connect**
- **One-hand operation**

Series 550 couplings feature an easy-to-grip design and require only a low connection force. They are smaller and more compact and generate higher flows than comparable designs. Series 550 couplings have an extremely low noise level upon disconnection. The Series includes anti-hose whip nipples.

The Series 550 vented safety version is disconnected in two stages in order to vent the coupling and minimize the risk of sudden component separation, which has the potential to cause operator injury. Its unique, balanced-valve design makes it extremely easy to connect, regardless of system pressure. The safety version is also ideal for multiple connection points, such as manifold applications in which low connection force is required. It complies with ISO Standard 4414 and EN 983.



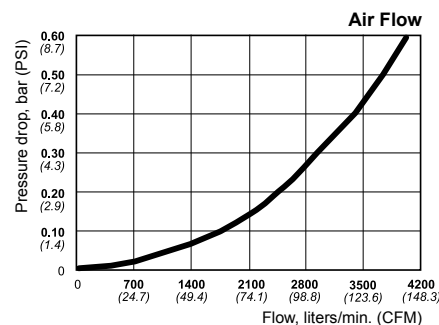
**This series includes safety products.**  
For other safety products, see Page 71-78.



## STANDARD

### Technical Data

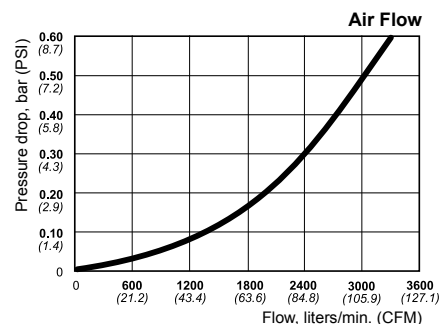
Nominal flow dia.....	11 mm (7/16")
Flow capacity.....	3750 l/min. (132.4 CFM)
Max. working pressure.....	16 bar (232 PSI)
Min. burst pressure.....	140 bar (2,030 PSI)
Temperature range.....	-20°C to +100°C (-4°F to +212°F)
Coupling material.....	Zinc-plated steel/brass
Nipple material.....	Hardened zinc-plated steel
Connection force.....	145.0 N



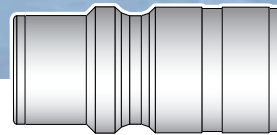
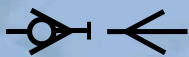
## VENTED SAFETY

### Technical Data

Nominal flow dia.....	11 mm (7/16")
Flow capacity.....	3000 l/min. (106.0 CFM)
Max. working pressure.....	16 bar (232 PSI)
Min. burst pressure.....	64 bar (928 PSI)
Temperature range.....	-20°C to +80°C (-4°F to +176°F)
Coupling material.....	Zinc-plated steel/brass
Connection force.....	68.6 N



Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 82 for more information). Check with an authorized CEJN distributor for availability and prices.

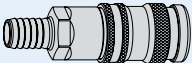




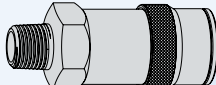

# Series 550 – Standard & Vented Safety

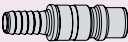


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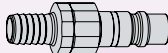
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COUPLINGS	Part No.	Connection
<b>Hose connection</b> 	10 550 1004	10 mm (3/8")
	10 550 1005	13 mm (1/2")
	10 550 1007	19 mm (3/4")
<b>Male thread</b> 	10 550 1154	R 3/8"
	10 550 1155	R 1/2"
	10 550 1157	R 3/4"
	10 550 1454	NPT 3/8"
	10 550 1455	NPT 1/2"
<b>Female thread</b> 	10 550 1457	NPT 3/4"
	10 550 1204	G 3/8"
	10 550 1205	G 1/2"
	10 550 1207	G 3/4"
	10 550 1404	NPT 3/8"
	10 550 1405	NPT 1/2"
	10 550 1407	NPT 3/4"

VENTED SAFETY COUPLINGS	Part No.	Connection
<b>Male thread</b> 	10 550 3155	R 1/2"
	10 550 3157	R 3/4"
	10 550 3454	NPT 3/8"
	10 550 3455	NPT 1/2"
	10 550 3457	NPT 3/4"
<b>Female thread</b> 	10 550 3205	G 1/2"
	10 550 3207	G 3/4"
	10 550 3404	NPT 3/8"
	10 550 3405	NPT 1/2"
	10 550 3407	NPT 3/4"

NIPPLES	Part No.	Connection
<b>Hose connection</b> 	10 550 5004	10 mm (3/8")
	10 550 5005	13 mm (1/2")
	10 550 5007	19 mm (3/4")
<b>Male thread</b> 	10 550 5152	R 1/4"
	10 550 5154	R 3/8"
	10 550 5155	R 1/2"
	10 550 5157	R 3/4"
	10 550 5452	NPT 1/4"
	10 550 5454	NPT 3/8"
	10 550 5455	NPT 1/2"
	10 550 5457	NPT 3/4"
<b>Female thread</b> 	10 550 5204	G 3/8"
	10 550 5205	G 1/2"
	10 550 5404	NPT 3/8"
	10 550 5405	NPT 1/2"
	10 550 5407	NPT 3/4"

ANTI-HOSE WHIP NIPPLES	Part No.	Connection
<b>Hose connection</b> 	10 550 8005	13 mm (1/2")
	10 550 8007	19 mm (3/4")