



KOTECH

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Safety Coupler is a Gas Cutting/ welding/ heating equipment connector for oxygen and gas use.

Features

- Safety Coupler is fabricated as a double safety device, conveniently used during welding and cutting operations.
- Safety Couplings for oxygen use are not interchangeable with those for gas use.
- Safety coupler has a special double safety sealing structure to prevent gas leaks upon connection.
- Plug with anti-backflow check valve instantly prevent undesirable backflow of gases.
- The swivel function of safety Couplings prevent hose twisting and provides a great convenience for welding operations
- Conform To IS 11006:2011

Specifications

Application Size	5/16" 3/8"	
Body Material	Brass	
Sealing Material/ Operation Temperature	Sealing Material Special Rubber	Operating Temperature Range -20°C ~+80°C

Anti-backflow Check Valve

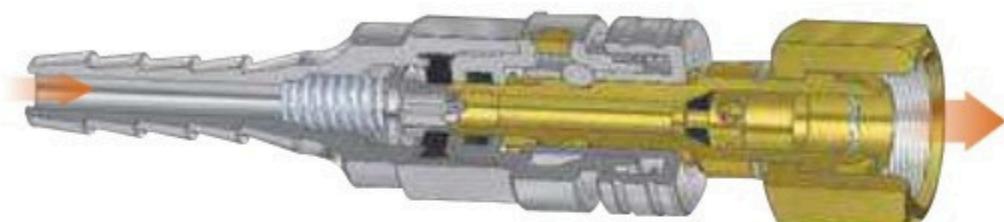
Type	Piston Type
Feature	Check Valve block to resist Backflow of gases and prevent failure of gas applications.

Instructions for use

- Soapy water or gas-tight testing device should be performed for gas testes before use.
- When connected or disconnected there should be no inflammable or explosive materials around the area.
- The sealing area of the plug which is inserted into the socket should be handles very carefully to avoid any damage.
- When couplings are badly dented in a collision, they are not connected firmly which may lead to a gas leak.
- After separation, couplings should be stored in a clean location to keep dust or potentially harmful foreign substances from entering the inside of the socket. The sealing area of the plug should be protected from any impacts.

Direction of fluid flow

Fluid must flow from the side of the socket to the side of the plug

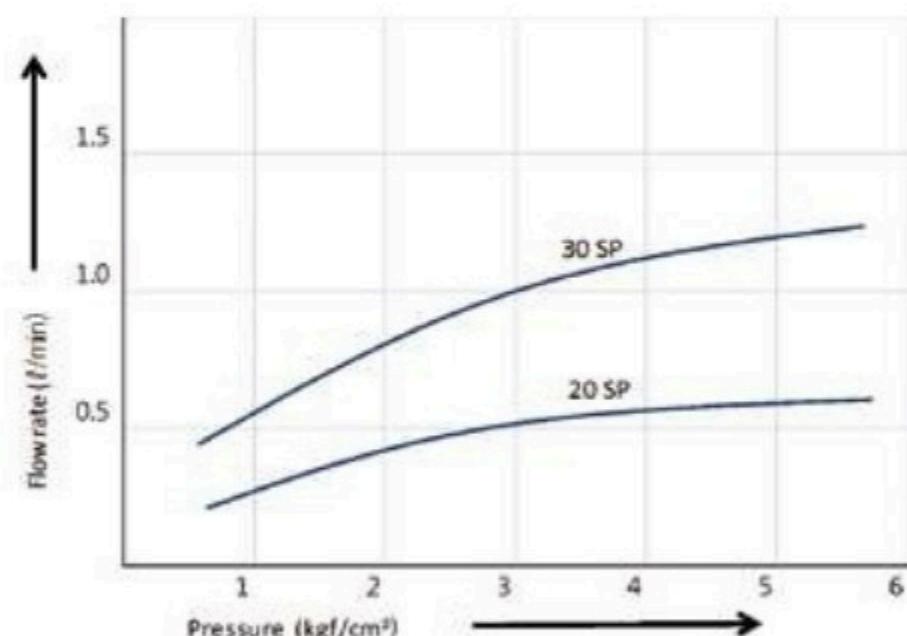


Pressure

Max. Working Pressure	7kgf/cm ²
Proof Pressure	10kgf/cm ²

Use

Material	Brass
Applicable fluids	Oxygen Acetylene Propane
Use	Gas Cutting Gas Welding Gas Heating



Marketed by:

Tradeweld Bombay Pvt. Ltd

Regd. Office:

21-Panvel Industrial Co-Op Estate Ltd, Off Old Bombay-Pune Road, Panvel- 410206, Dist- Raigad, Maharashtra (INDIA)
Contact No.9004507681. E.mail:production.gasflow@gmail.com,flowtemp2016@gmail.com

Central Marketing Office:

Flat No.17,Tulsi Vihar Apartment,Gaikwadnagar,Aundh,Pune-411067 (INDIA)
Contact No.9823019766. WhatsApp:+91-8390987545 E.mail: prabirpune@gmail.com,flowtemppune@gmail.com

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