



# KOTECH

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## QUICK GAS SAFETY COUPLINGS



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

<b>Application Size</b>	5/16" 3/8"	
<b>Body Material</b>	Brass	
<b>Sealing Material/ Operation Temperature</b>	Sealing Material	Operating Temperature Range
	Special Rubber	-20 <sup>0</sup> C ~+80 <sup>0</sup> C

### Anti-backflow Check Valve

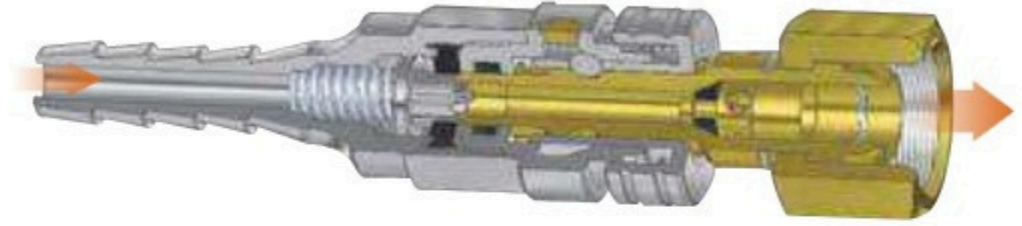
<b>Type</b>	Piston Type
<b>Feature</b>	Check Valve block to resist Backflow of gases and prevent failure of gas applications.

### 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

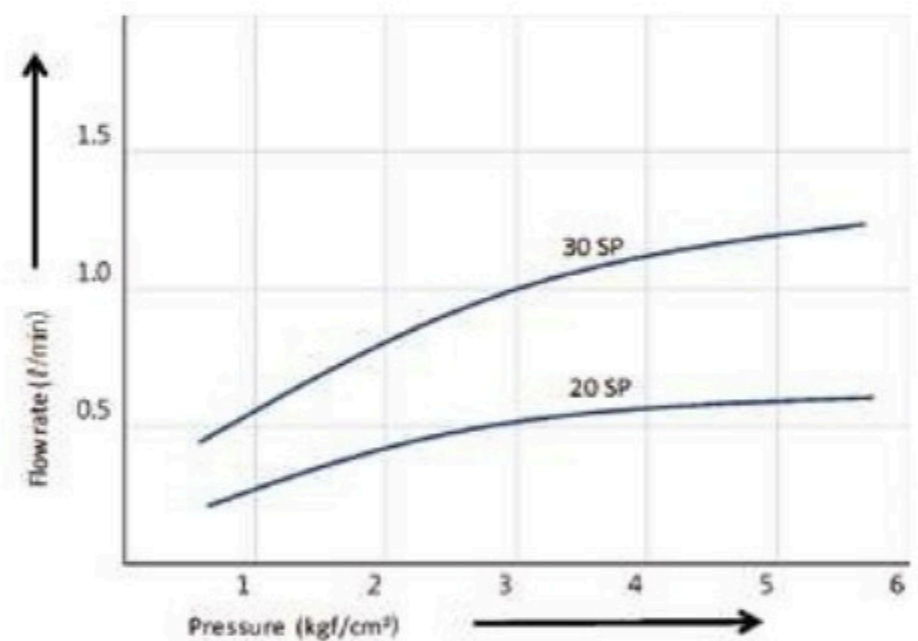


### Pressure

<b>Max. Working Pressure</b>	7kgf/cm <sup>2</sup>
<b>Oroof Pressure</b>	10kgf/cm <sup>2</sup>

### Use

<b>Material</b>	Brass
<b>Applicable fluids</b>	Oxygen Acetylene Propane
<b>Use</b>	Gas Cutting Gas Welding Gas Heating



Marketed by:

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