

**TESUCO**

**TECHNICAL SUPPLIES COMPANY**

**Flashback Arrestors**

**QUALITY GAS EQUIPMENT**

[www.tesuco.com.au](http://www.tesuco.com.au)

## Complete Range

Tesuco® stocks the largest range of flashback arrestors and gas quick couplings available in Australia. The range includes regulator end, torch end, manifold and pipeline models of differing sizes, flow-rates and functional elements.

This brochure has been designed to showcase this range and provide the information needed to match the correct arrestor with every application.



## Display Packaging

A large range of the most popular models of Tesuco® flashback arrestors are available in display packaging for retail environments so the products are clearly visible. There are single, some twin packs and a four pack.

Box product are available for those who can not display the flashback arrestors or have limited storage area.



All IBEDA flashback arrestors are tested prior to leaving the factory, ISO 5175 -1:2017 ANNEX C

- THROUGH FLOW** To ensure the flow rate is right.
- REVERSE FLOW** To make sure the non-return valve is working.
- GAS TIGHTNESS** To make sure there is no gas leaks.
- FLAME TEST** Every flashback arrestor is subjected to a flashback to make sure they stop the flame.



## Testing

It is important that flashback arrestors continue to work to a minimum specification, as determined by the manufacturer, IBEDA, Germany. Failure to do so may actually be the cause of problems the flashback arrestor is designed to prevent from occurring. For example, a faulty non-return valve will allow the back-flow of gas to upstream equipment and an arrestor not allowing adequate through flow could be the cause of a flashback. To help prevent this, testing of flashback arrestors in service every 12 months is a requirement of AS 4603 and must be carried out on a machine built for the purpose and approved by the manufacturer. The IBEDA testing machine has been engineered to test reverse flow, through flow and the activation of the pressure sensitive cut-off valve available in resettable arrestors. The flashback arrestor models able to be tested on the IBEDA testing machine are listed on the instruction sheet; those not listed on the instruction sheet cannot be tested on the IBEDA testing machine.

Flashback arrestor with BAM testing to the latest international standard is proof that the IBEDA flashback arrestors have undergone independent product testing to fully comply with the highest standards. BAM certification body has certified the gas welding equipment – Safety devices and quick-action couplings to meet the requirements listed in:

ISO 5175-1:2017

"Gas welding equipment – safety devices – Part 1: Devices incorporating a flame (flashback) arrestor"

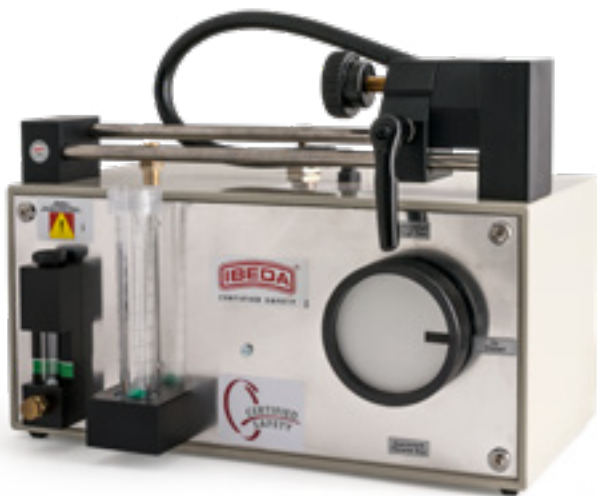
ISO 7289:2018

"Gas welding equipment – Quick-action couplings with shut-off valves for welding, cutting and allied processes."



BAM, The Federal Institute for Materials Research and Testing in Berlin, Germany.

Certification N°: BAM/ZBA/007/03



### FBA TESTING MACHINE

Model: PVGD

The flashback arrestor testing machine is fully mobile. It is small, lightweight and does not require any power. Test medium for the PVGD is oil and grease, free compressed air or nitrogen only for the machine to be fully operational. The testing machine is supplied complete with a full range of adaptors, a regulator with a 3 m hose and quick couplings.

| PART NO | DESCRIPTION  |
|---------|--|
| FTNI    | Side entry, nitrogen regulator, adaptors and test labels           |
| FTNID   | Disposable nitrogen bottle and regulator, adaptors and test labels |
| FTAI    | Side entry, air regulator, adaptors and test labels                |



### FBA TESTING MACHINE TRAINING

Part No: FTTC

Training on the FBA testing machine is required and is supplied when you first purchase the PVGD from Tesuco®.

All training certificates are valid for two years, if additional training is required or the certificate is out of date, please contact Tesuco® for further information.



DF NV TV PV FA

### STANDARD FLOW

Model: DGN

The DGN model flashback arrestor is suitable for the majority of oxygen/fuel gas welding, brazing and cutting processes.

*Note: Other thread sizes available.*

|    | PART NO | GAS SERVICE                       | INLET CONNECTION     | OUTLET CONNECTION  | MAX. WORKING PRESSURE (kPa) |
|----|---------|-----------------------------------|----------------------|--------------------|-----------------------------|
| DP | FRSFD   | Fuel Gas                          | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 H 350 MP 500          |
| DP | FRSOD   | Oxygen                            | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 2500                      |
| DP | FRD     | Twin Pack – One each of the above |                      |                    |                             |
| BX | FRSF    | Fuel Gas                          | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 H 350 MP 500          |
| BX | FRSO    | Oxygen                            | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 2500                      |



Available in a four pack, oxygen and fuel gas, 2 torch end and 2 regulator end.  
See page 13



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### STANDARD FLOW QUICK ACTION COUPLING

Model: DGNDK-D4

The DGNDK model flashback arrestor offers all of the functionality of the DGN standard flow model, with the addition of a quick action coupling and pin. The pin connects to the hose while the flashback arrestor remains on the regulator. The hose can then be connected to the flashback arrestor via the coupling pin. This allows for quick connection and disconnection of the hose without the need for spanners. The coupling and pin meet ISO 7289:2018 and the IBEDA design ensures no leakage.

*Note: The DGNDK-D4 models are supplied with D4 5/8-18 UNF coupling pins to ISO 7289:2018 (others are available)  
Other thread sizes available.*

|    | PART NO  | GAS SERVICE                       | INLET CONNECTION     | OUTLET CONNECTION  | MAX. WORKING PRESSURE (kPa) |
|----|----------|-----------------------------------|----------------------|--------------------|-----------------------------|
| DP | FRSFQD4D | Fuel Gas                          | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 H 350 MP 500          |
| DP | FRSOQD4D | Oxygen                            | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 2000                      |
| DP | FRQD4D   | Twin Pack – One each of the above |                      |                    |                             |
| BX | FRSFQD4  | Fuel Gas                          | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 H 350 MP 500          |
| BX | FRSOQD4  | Oxygen                            | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 2000                      |

O Oxygen    A Acetylene    H Hydrogen    M Methane    P Propane (LPG)

IBEDA instruction sheet supplied with every item.

# Flashback Arrestors

## Regulator End



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### HIGH FLOW

Model: DG91N

The DG91N model flashback arrestor is suitable for applications where a higher flow rate is required for the process being performed; for example, when using larger cutting, heating and gouging nozzles.

*Note: Other thread sizes available.*

|    | PART NO | GAS SERVICE | INLET CONNECTION     | OUTLET CONNECTION  | MAX. WORKING PRESSURE (kPa) |
|----|---------|-------------|----------------------|--------------------|-----------------------------|
| DP | FRHFD   | Fuel Gas    | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 H 400 MP 500          |
| DP | FRHOD   | Oxygen      | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 2500                      |
| BX | FRHF    | Fuel Gas    | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 H 400 MP 500          |
| BX | FRHO    | Oxygen      | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 2500                      |



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### HIGH PRESSURE

Model: DG91NH

The DG91NH model flashback arrestor is designed for use where a higher fuel gas pressure than available through the standard range of flashback arrestor is required for the process.

|    | PART NO | GAS SERVICE | INLET CONNECTION     | OUTLET CONNECTION  | MAX. WORKING PRESSURE (kPa) |
|----|---------|-------------|----------------------|--------------------|-----------------------------|
| BX | FRHH    | Fuel Gas    | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 250 H 1000 MP 1000        |

O Oxygen    A Acetylene    H Hydrogen    M Methane    P Propane (LPG)

IBEDA instruction sheet supplied with every item.



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### STANDARD FLOW RESETTABLE

Model: DS1000

The DS1000 model flashback arrestor has all the features of the DGN model, with the addition of a resettable pressure sensitive cut-off valve. When the flashback arrestor is subjected to a pressure wave preceding a flashback, the cut-off valve is activated and stops the flow of gas. Once the equipment has been checked for faults, the device can be reset and normal operation resumed. Suitable for welding, brazing and cutting processes.

*Note: Other thread sizes available.*

|    | PART NO      | GAS SERVICE | INLET CONNECTION     | OUTLET CONNECTION  | MAX. WORKING PRESSURE (kPa) |
|----|--------------|-------------|----------------------|--------------------|-----------------------------|
| BX | <b>FRSFR</b> | Fuel Gas    | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 MP 500 H 350          |
| BX | <b>FRSOR</b> | Oxygen      | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 1500                      |



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### HIGH FLOW RESETTABLE

Model: DS2000

The DS2000 model flashback arrestor has all of the features of the DG91N high flow model, with the addition of a resettable pressure sensitive cut-off valve. When the flashback arrestor is subjected to a pressure wave preceding a flashback, the cut-off valve is activated and stops the flow of gas. Once the equipment has been checked for faults, the device can be reset and normal operation resumed. Suitable for use with high flow applications.

*Note: Other thread sizes available.*

|    | PART NO      | GAS SERVICE | INLET CONNECTION     | OUTLET CONNECTION  | MAX. WORKING PRESSURE (kPa) |
|----|--------------|-------------|----------------------|--------------------|-----------------------------|
| BX | <b>FRHFR</b> | Fuel Gas    | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 H 400 MP 500          |
| BX | <b>FRHOR</b> | Oxygen      | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 1500                      |

O Oxygen    A Acetylene    H Hydrogen    M Methane    P Propane (LPG)

IBEDA instruction sheet supplied with every item.

# Flashback Arrestors

## Torch End



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Available in a four pack, oxygen and fuel gas, 2 torch end and 2 regulator end. See page 13

### STANDARD FLOW

Model: GG

The GG model flashback arrestor is suitable for the majority of oxygen/fuel gas welding, brazing and cutting processes.

*Note: Other thread sizes available.*

| PART NO  | GAS SERVICE                       | INLET CONNECTION     | OUTLET CONNECTION  | MAX. WORKING PRESSURE (kPa) |
|----------|-----------------------------------|----------------------|--------------------|-----------------------------|
| DP FTSFD | Fuel Gas                          | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 H 400 MP 400          |
| DP FTSOD | Oxygen                            | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 1500                      |
| DP FTD   | Twin Pack – One each of the above |                      |                    |                             |
| BX FTSF  | Fuel Gas                          | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 H 400 MP 400          |
| BX FTSO  | Oxygen                            | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 1500                      |

### STANDARD FLOW

European Style

| PART NO | GAS SERVICE | INLET CONNECTION     | OUTLET CONNECTION   | MAX. WORKING PRESSURE (kPa) |
|---------|-------------|----------------------|---------------------|-----------------------------|
| FTSFH   | Fuel Gas    | 5/8-18 UNF-LH Female | 9/16-18 UNF-LH Male | A 150 H 400 MP 400          |
| FTSOH   | Oxygen      | 5/8-18 UNF-RH Female | 9/16-18 UNF-RH Male | O 1500                      |
| FTSF3   | Fuel Gas    | G 3/8 LH Female      | G 3/8 LH Female     | A 150 H 400 MP 400          |
| FTSO3   | Oxygen      | G 3/8 RH Female      | G 3/8 RH Male       | O 1500                      |
| FTSO4   | Oxygen      | G 1/4 RH Female      | G 1/4 RH Male       | O 1500                      |



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### STANDARD FLOW QUICK ACTION COUPLING

Model: DKSG-D1

The DKSG model flashback arrestor offers all of the functionality of the GG standard flow model, with the addition of a quick action coupling and pin. The pin connects to the blowpipe while the flashback arrestor remains on the hose. The hose with the flashback arrestor can then be connected to the blowpipe via the coupling pin. This allows for quick connection and disconnection of the hose without the need for spanners. The coupling and pin meet ISO 7289:2018 and the IBEDA design ensures no leakage.

*Note: The DKSG-D1 models are supplied with D1 5/8-18 UNF coupling pins to ISO 7289:2018 (others are available)*

| PART NO     | GAS SERVICE   | INLET CONNECTION     | OUTLET CONNECTION  | MAX. WORKING PRESSURE (kPa) |
|-------------|---|----------------------|--------------------|-----------------------------|
| DP FTSFQD1D | Fuel Gas  | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 H 400 MP 400          |
| DP FTSOQD1D | Oxygen  | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 1500                      |
| DP FTQD1D   | Twin Pack – One each of the above ISO 7289:2018 coupling pin models |                      |                    |                             |
| BX FTSFQD1  | Fuel Gas  | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 H 400 MP 400          |
| BX FTSOQD1  | Oxygen  | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 1500                      |

O Oxygen    A Acetylene    H Hydrogen    M Methane    P Propane (LPG)

IBEDA instruction sheet supplied with every item.



### MEDIUM FLOW

Model: DGU

The DGU model flashback arrestor offers a small and lighter solution for when the flow rate required is more than a standard model arrestor can provide, but less than the larger heavier high flow models.

|                          | PART NO     | GAS SERVICE | INLET CONNECTION     | OUTLET CONNECTION  | MAX. WORKING PRESSURE (kPa) |
|--------------------------|-------------|-------------|----------------------|--------------------|-----------------------------|
| <input type="checkbox"/> | <b>FTMF</b> | Fuel Gas    | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 H 350 MP 500          |
| <input type="checkbox"/> | <b>FTMO</b> | Oxygen      | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 2500                      |

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### MEDIUM FLOW QUICK ACTION COUPLING

Model: DGUDK-D1

The DGUDK model flashback arrestor offers all of the functionality of the DGN medium flow model, with the addition of a quick action coupling and pin. The pin connects to the blowpipe while the flashback arrestor remains on the hose. The hose with the flashback arrestor can then be connected to the blowpipe via the coupling pin. This allows for quick connection and disconnection of the hose without the need for spanners. The coupling and pin meet ISO 7289:2018 and the IBEDA design ensures no leakage.

*Note: The DGUDK-D1 models are supplied with D1 5/8-18 UNF coupling pins to ISO 7289:2018 (others are available).*

|                          | PART NO        | GAS SERVICE | INLET CONNECTION   | OUTLET CONNECTION    | MAX. WORKING PRESSURE (kPa) |
|--------------------------|----------------|-------------|--------------------|----------------------|-----------------------------|
| <input type="checkbox"/> | <b>FTMFQD1</b> | Fuel Gas    | 5/8-18 UNF-LH Male | 5/8-18 UNF-LH Female | A 150 H 350 MP 500          |
| <input type="checkbox"/> | <b>FTMOQD1</b> | Oxygen      | 5/8-18 UNF-LH Male | 5/8-18 UNF-LH Female | O 1500                      |

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**O** Oxygen    **A** Acetylene    **H** Hydrogen    **M** Methane    **P** Propane (LPG)

IBEDA instruction sheet supplied with every item.



# Flashback Arrestors

## Torch End & Inline



### HIGH FLOW

Model: DG91UA

The DG91UA model flashback arrestor is suitable for applications where a higher flow rate is required for the process being performed; for example, when using larger cutting, heating and gouging. Special off-set outlet design ensures the DG91UA can be fitted to a standard cutting torch or blowpipe.

|    | PART NO | GAS SERVICE | INLET CONNECTION     | OUTLET CONNECTION  | MAX. WORKING PRESSURE (kPa) |
|----|---------|-------------|----------------------|--------------------|-----------------------------|
| DP | FTHFD   | Fuel Gas    | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 H 400 MP 500          |
| DP | FTHOD   | Oxygen      | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 2500                      |
| BX | FTHF    | Fuel Gas    | 5/8-18 UNF-LH Female | 5/8-18 UNF-LH Male | A 150 H 400 MP 500          |
| BX | FTHO    | Oxygen      | 5/8-18 UNF-RH Female | 5/8-18 UNF-RH Male | O 2500                      |

DF NV TV PV FA

### HIGH FLOW

European Style

|  | PART NO | GAS SERVICE | INLET CONNECTION     | OUTLET CONNECTION   | MAX. WORKING PRESSURE (kPa) |
|--|---------|-------------|----------------------|---------------------|-----------------------------|
|  | FTHFH   | Fuel Gas    | 5/8-18 UNF-LH Female | 9/16-18 UNF-LH Male | A 150 H 400 MP 400          |
|  | FTHOH   | Oxygen      | 5/8-18 UNF-RH Female | 9/16-18 UNF-RH Male | O 2500                      |



### STANDARD FLOW QUICK ACTION COUPLING - INLINE

Model: DKSG-D4

The DKSG model flashback arrestor offers all of the functionality of the GG standard flow model, with the addition of a quick action coupling and pin. This model has a male pine so that lengths of hoses can be coupled together to safely achieve longer hose lengths when required. The coupling and pin meets ISO 7289:2018 and the IBEDA design ensures no leakage.

*Note: The DKSG-D4 models are supplied with D4 5/8-18 UNF coupling pins to ISO 7289:2018 (others are available)*

|    | PART NO | GAS SERVICE | INLET CONNECTION   | OUTLET CONNECTION  | MAX. WORKING PRESSURE (kPa) |
|----|---------|-------------|--------------------|--------------------|-----------------------------|
| BX | FISFQD4 | Fuel Gas    | 5/8-18 UNF-LH Male | 5/8-18 UNF-LH Male | A 150 H 400 MP 400          |
| BX | FISOQD4 | Oxygen      | 5/8-18 UNF-RH Male | 5/8-18 UNF-RH Male | O 1500                      |

DF NV TV PV FA

O Oxygen    A Acetylene    H Hydrogen    M Methane    P Propane (LPG)

IBEDA instruction sheet supplied with every item.

Installations with multiple work stations require manifold arrestors designed for high flow applications. They feature varying numbers of standard or high flow arrestors in parallel and have various size adapters available for fitting to most applications.



### DEMAX

DEMAX manifold flashback arrestors feature five standard flow flashback arrestors in parallel. They are available with a number of different inlet and outlet connections to suit various sizes of pipework.

### FUEL GAS



FMD5F1

| PART NO | GAS SERVICE                    | INLET CONNECTION | OUTLET CONNECTION | MAX. WORKING PRESSURE (kPa) |
|---------|--------------------------------|------------------|-------------------|-----------------------------|
| FMD5F1  | Fuel Gas                       | G 1" RH Female   | G 1" RH Female    | A 150 H 300 MP 500          |
| FMD5F2  | Fuel Gas                       | G 1/2" LH Female | G 1/2" LH Male    | A 150 H 300 MP 500          |
| FMD5F3  | Fuel Gas                       | G 3/8" LH Female | G 3/8" LH Male    | A 150 H 300 MP 500          |
| FMD     | Replacement flashback arrestor |                  |                   |                             |
| FMDO    | Replacement 'O'-ring           |                  |                   |                             |

DF NV TV PV FA

### OXYGEN



FMD5O3

| PART NO | GAS SERVICE                    | INLET CONNECTION | OUTLET CONNECTION | MAX. WORKING PRESSURE (kPa) |
|---------|--------------------------------|------------------|-------------------|-----------------------------|
| FMD5O1  | Oxygen                         | G 1" RH Female   | G 1" RH Female    | O 1500                      |
| FMD5O2  | Oxygen                         | G 1/2" RH Female | G 1/2" RH Male    | O 1500                      |
| FMD5O3  | Oxygen                         | G 3/8" RH Female | G 3/8" RH Male    | O 1500                      |
| FMD     | Replacement flashback arrestor |                  |                   |                             |
| FMDO    | Replacement 'O'-ring           |                  |                   |                             |

DF NV TV PV FA

O Oxygen    A Acetylene    H Hydrogen    M Methane    P Propane (LPG)

IBEDA instruction sheet supplied with every item.

### SIMAX

SIMAX manifold flashback arrestors feature 3, 5 or 8 high flow flashback arrestors in parallel. They are available in G 1" RH inlets and a number of different inlet and outlet connections to suit various sizes of pipework connections are available.

SCAN HERE



FMS5F

### FUEL GAS

| PART NO | GAS SERVICE                    | INLET CONNECTION | OUTLET CONNECTION | MAX. WORKING PRESSURE (kPa) |
|---------|--------------------------------|------------------|-------------------|-----------------------------|
| FMS3F   | Fuel Gas                       | G 1" RH Female   | G 1" RH Male      | A 150 MP 500                |
| FMS5F   | Fuel Gas                       | G 1" RH Female   | G 1" RH Female    | A 150 MP 500                |
| FMS8F   | Fuel Gas                       | G 1" RH Female   | G 1" RH Female    | A 150 MP 500                |
| FMS     | Replacement flashback arrestor |                  |                   |                             |
| FMSO    | Replacement 'O'-ring           |                  |                   |                             |

DF NV TV PV FA



FMS5O

### OXYGEN

| PART NO | GAS SERVICE                    | INLET CONNECTION | OUTLET CONNECTION | MAX. WORKING PRESSURE (kPa) |
|---------|--------------------------------|------------------|-------------------|-----------------------------|
| FMS3O   | Oxygen                         | G 1" RH Female   | G 1" RH Female    | O 2500                      |
| FMS5O   | Oxygen                         | G 1" RH Female   | G 1" RH Female    | O 2500                      |
| FMS8O   | Oxygen                         | G 1" RH Female   | G 1" RH Female    | O 2500                      |
| FMS     | Replacement flashback arrestor |                  |                   |                             |
| FMSO    | Replacement 'O'-ring           |                  |                   |                             |

DF NV TV PV FA

**O** Oxygen    **A** Acetylene    **H** Hydrogen    **M** Methane    **P** Propane (LPG)

IBEDA instruction sheet supplied with every item.



FPF11



FPF1F1S



FPO58

Pipeline flashback arrestors are safety devices with a range of inlet and outlet connections, designed for easy fitments into a pipeline system.

Note: Other thread sizes available upon request.

| PART NO | GAS SERVICE | FINISH          | INLET CONNECTION   | OUTLET CONNECTION | MAX. WORKING PRESSURE (kPa) |
|---------|-------------|-----------------|--------------------|-------------------|-----------------------------|
| FPF3    | Fuel Gas    | Brass           | G 3/8" LH Female   | G 3/8" LH Male    | A 150<br>H 400<br>MP 500    |
| FPO3    | Oxygen      | Brass           | G 3/8" RH Female   | G 3/8" RH Male    | O 2500                      |
| FPF2    | Fuel Gas    | Brass           | G 1/2" LH Female   | G 1/2" LH Male    | A 150<br>H 400<br>MP 500    |
| FPO2    | Oxygen      | Brass           | G 1/2" RH Female   | G 1/2" RH Male    | O 2500                      |
| FPF5    | Fuel Gas    | Brass           | G 5/8" LH Female   | G 5/8" LH Male    | A 150<br>H 400<br>MP 500    |
| FPO5    | Oxygen      | Brass           | G 5/8" RH Female   | G 5/8" RH Male    | O 2500                      |
| FPF11   | Fuel Gas    | Brass           | 1/4" NPT-RH Male   | 1/4" NPT-RH Male  | A 150<br>H 400<br>MP 500    |
| FPO11   | Oxygen      | Brass           | 1/4" NPT-RH Male   | 1/4" NPT-RH Male  | O 2500                      |
| FPF1F1S | Fuel Gas    | Stainless Steel | 1/4" NPT-RH Female | 1/4" NPT-RH Male  | A 250<br>H 1000<br>MP 1000  |
| FPO1F1S | Oxygen      | Stainless Steel | 1/4" NPT-RH Female | 1/4" NPT-RH Male  | O 2500                      |
| FPF3H   | Fuel Gas    | Brass           | G 3/8" LH Female   | G 3/8" LH Male    | A 150<br>H 400<br>MP 500    |
| FPO58   | Oxygen      | Brass           | G 5/8" RH Female   | 5/8 UNF-RH Male   | O 2500                      |

DF NV TV PV FA

O Oxygen    A Acetylene    H Hydrogen    M Methane    P Propane (LPG)

IBEDA instruction sheet supplied with every item.

# Flashback Arrestors

## Coupling Pins



QPFDF5

QPODF5

### FEMALE THREADED

Model: D1

Note: Other thread sizes available upon request.

| PART NO | GAS SERVICE | DESCRIPTION   |
|---------|-------------|---------------|
| QPFDF5  | Fuel Gas    | 5/8-18 UNF-LH |
| QPODF5  | Oxygen      | 5/8-18 UNF-RH |

SCAN HERE



QPFDM5

QPODM5

### MALE THREADED

Model: D4

Note: Other thread sizes available upon request.

| PART NO | GAS SERVICE | DESCRIPTION   |
|---------|-------------|---------------|
| QPFDM5  | Fuel Gas    | 5/8-18 UNF-LH |
| QPODM5  | Oxygen      | 5/8-18 UNF-RH |

SCAN HERE



QPFDT5

QPODT5

QPFDT1

QPODT1

### HOSE BARB

Model: D2

Note: Other thread sizes available upon request.

| PART NO | GAS SERVICE | DESCRIPTION |
|---------|-------------|-------------|
| QPFDT5  | Fuel Gas    | 5 mm Tail   |
| QPODT5  | Oxygen      | 5 mm Tail   |
| QPFDT1  | Fuel Gas    | 10 mm Tail  |
| QPODT1  | Oxygen      | 10 mm Tail  |

SCAN HERE



GWC5

### HOSE CLIP

| PART NO                 | DESCRIPTION               |
|-------------------------|---------------------------|
| GWC5                    | 5 mm ID Hose              |
| <small>DP</small> GWC5D | 5 mm ID Hose (pack of 10) |
| GWC10                   | 10 mm ID Hose             |



### CRIMPING TOOL

Part No: A2100

DP

The crimping tool is specifically designed for use with the GWC5 clips to secure the hose barb once inserted into the ends of the hose. The tool is robust and easy to use and makes this a very simple fixing method.



## QUAD PACK

DP

Part No: FSD

The Quad pack contains one each of the standard flow oxygen and fuel gas torch end flashback arrestors and one each of the standard flow oxygen and fuel gas regulator end flashback arrestors in display packaging.

Comprises one of each of the following.

| PART NO | DESCRIPTION                            | DF | NV | TV | PV | FA |
|---------|--|----|----|----|----|----|
| FRSFD   | Fuel Gas, Standard flow, Regulator end | DF | NV | TV | PV | FA |
| FRSOD   | Oxygen, Standard flow, Regulator end   | DF | NV | TV | PV | FA |
| FTSFD   | Fuel Gas, Standard flow, Torch end     | DF | NV | TV | PV | FA |
| FTSOD   | Oxygen, Standard flow, Torch end       | DF | NV | TV | PV | FA |



## GAS CONTROL

Part No: OTLDS

Gas Control is a technologically advanced gas leakage detection spray, designed to test the hermetic sealing of any type of gas system. The liquid has a special formulation to inhibit corrosion when used on copper, brass and steel. The liquid, when applied will detect the slightest leak, forming bubbles or foam where it occurs.

### FEATURES

- Sold to distributors in a display pack of 12 units
- Aerosol with easy to use Acc-U-Sol valve
- Aluminum container
- Safety tear-off tab
- Small extension tube supplied for accurate application
- Approved by DVGW to DIN EN 14291

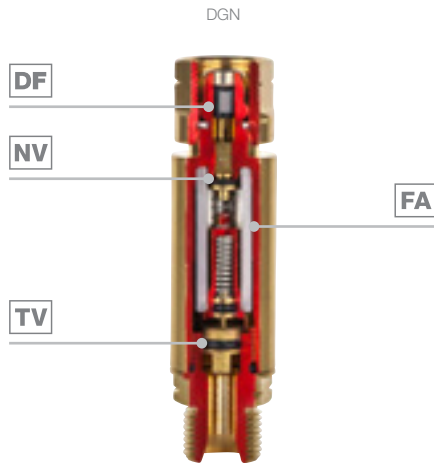
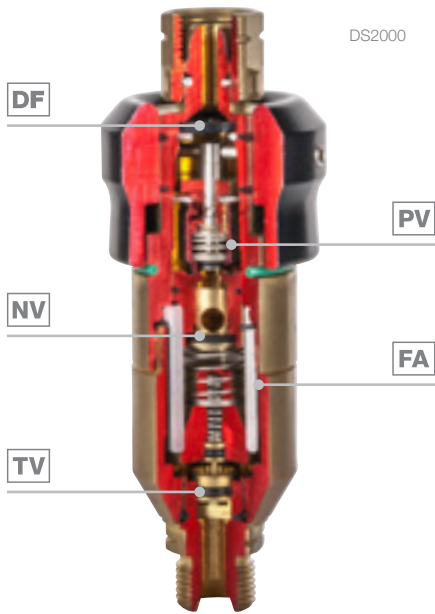


### SPECIFICATIONS

|                 |                              |
|-----------------|------------------------------|
| Contents        | 400 g                        |
| Dimensions (mm) |                              |
| Product only    | (H) 215 x (Ø) 66             |
| Carton of 12    | (H) 225 x (W) 270 x (D) 205  |
| Classification  | UN 1950, aerosols, class 2.2 |

# Flashback Arrestors

## Safety Features



**DF**

### Dust Filter

Protects the integrity of the non-return valve and prevents clogging of the sintered filter.

**PV**

### Pressure Cut off Valve

Stops the flow of gas in the event the mechanism is tripped by the pressure wave preceding a flashback.

**TV**

### Thermal Cut off Valve

Stops the flow of gas in the event the mechanism is activated by sustained backfire.

**NV**

### Gas Non-Return Valve

Stops the back flow of gas to upstream equipment.

**FA**

### Sintered Filter

Stops the propagation of a flashback by quenching the heat.

### Packaging Type

**DP**

Display Pack

**BX**

Boxed



### FLASHBACK ARRESTOR CUT-AWAYS

Tesuco® have available a variety of cut-away flashback arrestors, which are used to show the features of the different types of flashback arrestors in the range. These items are often used in our training programs and are an invaluable tool in demonstrating the ingenuity and engineering found inside every IBEDA flashback arrestor.

| PART NO | DESCRIPTION   |
|---------|---|
| FCT     | Standard flow, Torch end                            |
| FCR     | Standard flow, Regulator end                        |
| FCRQ    | Standard flow, Regulator end, Quick action coupling |
| FCRH    | High flow, Regulator end                            |

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Tesuco®

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Leakxpose®

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**FLAME**  **PRO**

|   |                    |
|---|--------------------|
| <br><b>TESUCO</b><br><b>TECHNICAL SUPPLIES COMPANY</b> | <b>HOSPITALITY</b> |
|   | <b>GAS SAFETY</b>  |
|   | <b>INDUSTRIAL</b>  |
|   | <b>SCIENTIFIC</b>  |
|   | <b>MEDICAL</b>     |

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WEB **www.tesuco.com.au**

The information in this brochure is to be used as a guide only.  
The ultimate responsibility for safe use of the equipment lies with the operator. In the interest of constant improvement in quality and design, product specifications may change at any time, without notice. E&OE

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