

Product group: **718** Product number: **510003**

A single stage regulator for nitrogen reducing the inlet pressure from 200bar to any pressure between 0 and 1 bar.

## Product information

This product supersedes product no: **320044**

Can be used for temporary padding or blanketing of ullage spaces in cargo tanks or for use with calibration gases applying at constant pressure.

Apart from replacing damaged or faulty gauges, repairs should never be attempted on gas regulators. Faulty, old or corroded regulators should be replaced. Internal seals and membranes will deteriorate with time, and as a rule gas regulators should be replaced with maximum 5 years intervals.

### Features

- Built according to international norm EN ISO 2503
- Single-stage
- Inlet connection: W24.32mm x 1/14" Int
- Outlet connection: 3/8" BSP RH Ext
- Max inlet pressure: 200 bar
- Outlet pressure range: 0 - 1 bar
- Comes with a pressure relief valve
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### Benefits

Reduces cylinder pressure to safe working pressure. Inlet gauge to inform available pressure in cylinder. Suitable for connection with Unitor Nitrogen and Argon cylinders.

## Specification

### General

Invent Hazard Material (IMO/EU) classification	NA
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### Dimensions/Weight

Depth[mm]	100
Length [mm]	160
Width [mm]	115

## Documents

[SDoC and MD for IHM](#)

[doc510002](#)

## Related products

Is accessory to

**588962**

BUTANE(C4H10) 35% LEL IN AIR (0.63% VOL.) SG-10 FILLING

**682344**

METHANE(CH4) 80% LEL IN NITROGEN (4% VOL.) SG-10 FILLING

**736348**

METHANE(CH4) 50% LEL IN NITROGEN (2.5% VOL.) SG-10 FILLING

**656330**

METHANE(CH4) 60% LEL IN AIR (3% VOL.) SG-10 FILLING

**589135**

O2 8% IN N2 92% SG-10 FILLING

**905232**

NITROGEN N-1030 FILLING

**656363**

METHANE(CH4) 60% LEL IN NITROGEN (3% VOL.) SG-10 FILLING

**673715**

METHANE(CH4) 50 VOL% IN NITROGEN SG-10 FILLING

**589085**

METHANE(CH4) 50% LEL IN AIR (2.5% VOL.) SG-10 FILLING

**620153**

METHANE(CH4) 30% LEL IN AIR (1.5% VOL.) SG-10 FILLING

**905208**

NITROGEN N-5030 FILLING

**620005**  
METHANE(CH<sub>4</sub>) 40% LEL IN AIR (2% VOL.) SG-10 FILLING

**682336**  
METHANE 99.995 VOL% SG-10 FILLING

**620179**  
O<sub>2</sub> 0.5% IN N<sub>2</sub> 99.5% SG-10 FILLING

**589051**  
O<sub>2</sub> 1% IN N<sub>2</sub> 99% SG-10 FILLING

**588947**  
AMMONIA(NH<sub>3</sub>) 35% LEL IN AIR (5.25% VOL.) SG-10 FILLING

**682351**  
METHANE(CH<sub>4</sub>) 80 VOL% IN NITROGEN SG-10 FILLING

**620146**  
O<sub>2</sub> 5% IN N<sub>2</sub> 95% SG-10 FILLING

**620112**  
ISOBUTANE(i-C<sub>4</sub>H<sub>10</sub>) 50% LEL IN AIR (0.9% VOL.) SG-10 FILLING

**589044**  
O<sub>2</sub> 2% IN N<sub>2</sub> 98% SG-10 FILLING

**588988**  
PROPANE(C<sub>3</sub>H<sub>8</sub>) 35% LEL IN AIR (0.74% VOL.) SG-10 FILLING

**588996**  
PROPANE(C<sub>3</sub>H<sub>8</sub>) 35% LEL IN NITROGEN (0.74% VOL.) SG-10 FILLING

**589127**  
CO<sub>2</sub> 5% IN N<sub>2</sub> 95% SG-10 FILLING

**656389**  
METHANE(CH<sub>4</sub>) 30 VOL% IN NITROGEN SG-10 FILLING

**592584**  
CO<sub>2</sub> 5% IN N<sub>2</sub> 95% SG-50 FILLING

**620047**  
PROPANE(C<sub>3</sub>H<sub>8</sub>) 50% LEL IN AIR (1.05% VOL.) SG-10 FILLING

**620161**  
BUTANE(C<sub>4</sub>H<sub>10</sub>) 8 VOL%, CO<sub>2</sub> 15% IN N<sub>2</sub> SG-10 FILLING

**656371**  
METHANE(CH<sub>4</sub>) 30% LEL IN NITROGEN (1.5% VOL.) SG-10 FILLING

**905601**  
NITROGEN N-5050 FILLING

**905602**  
NITROGEN N-1050 FILLING

**778176**  
O<sub>2</sub> 1.5% IN N<sub>2</sub> 98.5% SG-10 FILLING

Is frequently bought together with

**765018**  
ENVIROCLEAN 25 LTR

**905034**  
OXYGEN O-40 FILLING

**510001**  
REGULATOR 510 AC PRESSURE 0-1.5 BAR

**905026**  
ACETYLENE A-40 FILLING

**510011**  
REGULATOR 510 N<sub>2</sub> FLOW 0-1.3 L/MIN

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