

# TECHNICAL DATA SHEET

## RSG 700 SERIES FULL FACE MASK

### 400701

#### Description

The RSG 700 Series one-size-fits-all full face mask consists of a outer seal in soft silicone, extremely delicate on skin and extremely flexible at both high and low temperatures, guaranteeing a hermetic seal on any face shape.

The Polycarbonate anti-scratch and anti-fog treated visor provides a distortion free and 180° angle field of vision both horizontally and downwards. The 2,2 mm thick polycarbonate visor, also ensures a high impact resistance.

The valve group housing combines a standard EN 148-1 thread connection, an exhalation valve, a speech diaphragm, an inhalation valve and a valve seal part.

The inner oronasal mask is made of hypoallergenic silicone. Where the 5 point head harness is made of EPDM rubber.

The mask can be used with the full range of RSG 400 Series Filters or with the T-Air Powered air Purifying Respirator.

The RSG 700 Series full face mask is suitable, for the protection against highly noxious fine dusts, organic, inorganic and acid gases and vapours, and gas and dust combinations. It finds best use in the chemical industry, pesticide application, forest fire smoke, asbestos treatment and disposal, presence of radionuclides. THE RSG 700 SERIES full face mask is suitable for emergency response teams, such as firefighters, police, etc.



#### Approval

The testing related to RSG 700 Series mask, in accordance with the EN 136 standard, and the authorization to the CE mark have been carried out by the following notified bodies:

N° 0426 - ITALCERT - Viale Sarca, 336 - 20126 Milano - Italia.

N° 0158 - DEKRA – Adlerstrasse 29 – 45307 Essen - Germany.

The "CE0426" marking on the mask identifies the notified body which carries out the production control in accordance with the MODULE C2 according to Regulation (EU) 2016/425.

Italcert s.r.l. Viale Sarca 336 - 20126 Milano - Italia (Notified Body no. 0426).

#### Standards

These products meet the requirements of European Standard:

- EN136:1998 - Respiratory protective devices - Full face masks
- EN148-1 - Respiratory protective devices - Threads for facepieces - Part 1: Standard thread connection
- EN12942: 2008 - Respiratory protective devices - Power assisted filtering devices incorporating full face masks

#### Breathing resistance

Test flow	Inspiration (mbar)		Exhalation (mbar)	
	Max Norm	Measured	Norm	Measured
<b>25 cycles /min X 2 l/cycles</b>	2.5	1.2	3.0	1.8
<b>30 l/min</b>	0.5	0.12		
<b>95 l/min</b>	1.5	0.55		
<b>Inward leakage</b>		< 0,0012%		

#### Applications

It finds best use in the asbestos removal, chemical industry, pesticide application, and disposal, presence of radionuclides. THE RSG 700 SERIES full face mask is suitable for emergency response teams, such as firefighters, police, etc.

# TECHNICAL DATA SHEET

## RSG 700 SERIES FULL FACE MASK

### 400701

#### Storage

Store the mask at temperature between -20°C and +50°C, with no more than 80% relative humidity.

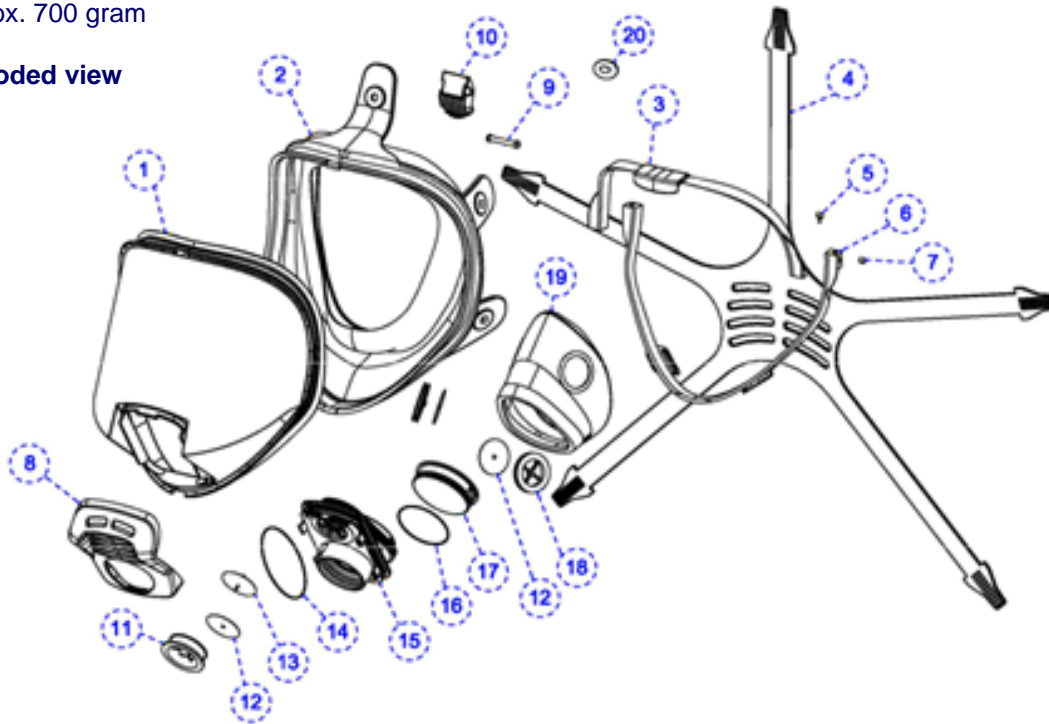
#### Usage limitations.

This filtering device cannot be used in environments, where oxygen concentration falls below 17% in volume.

#### Weight

approx. 700 gram

#### Exploded view



Nr.	Description	Part nr.	Material	Quantity
1	VISOR		Polycarbonate	1
2	FACIAL GASKET		Silicone	1
3	TOPE SEAL INSERT		PA66 GF 30%	1
4	HARNASS		EPDM	1
5	SCREW		Stainless Steel	2
6	BOTTOM SEAL INSERT		PA66	1
7	NUT		Stainless steel	2
8	CENTRAL GROUP SHIELD		PA66	1
9	REEL		PA66 GF 30%	5
10	BUCKLE		PA66 GF 30%	5
11	CENTRAL GROUP VALVE HOLDER		PA66 GF 30%	1
12	INHALATION VALVE		Silicone	1
13	EXHALATION VALVE		Silicone	1
14	O-RING		Gomma	1
15	CENTRAL GROUP		Polypropylene	1
16	O-RING		Gomma	1
17	DIAPRAGHM		Polypropylene	1
18	VALVE HOLDER		Silicone	2
19	ORONASAL CUP		Silicone	1
20	BUCKLE PIN		PA66 GF 30%	5