

ICAN FULL FACE 20-100 (20-100, 20-100 T) is a CE -marked full face mask (class 2) for the protection of the user's eyes and respiratory organs against harmful solid and liquid particles, fumes and gases. The full face mask is tested and approved in accordance with European standards EN 136:1989, prEN 136:1996 (sections 5 and 8) and EN 148-1:1987.

ICAN FULL FACE 20-100 is the result of extensive research and development work. Practical trials under extreme working conditions have provided the 20-100 with the full face mask's most important properties:

**Very high level of protection combined with great comfort for the user when working.**

**Face blank:**

20-100 is produced in soft neoprene rubber, which is kind to the skin. The mask's anatomical form provides maximum tightness and comfort. The double seal border along the edge of the mask is an extra safety zone.

**Inner mask:**

20-100 has a soft inner mask in neoprene rubber, which in addition to being kind to the skin, reduces misting, improves air exchange and makes the mask more comfortable, even when carrying out physically-exacting tasks. Misting is reduced because the inhalation air is guided up along the inner side of the visor as the inner mask is equipped with two large inhalation valves.

**Head harness:**

All 20-100's straps can be easily adjusted and quickly released ("quick release"). The straps, produced in neoprene rubber, distribute the weight and pressure on the head and face in an ideal manner, making it comfortable to use the mask for long periods. The construction of the straps allows a safety helmet and ear defenders, for instance, to be used with the mask.

**Visor:**

20-100 is constructed with a large visor which is both resistant to impact and ensures a wide field of vision to all sides. The visor, which has a very high quality optical component, is mounted in a plastic frame.

**Exhalation valve:**

Exhalation takes place through an exhalation valve which is recessed and well-protected behind a cover in the connection element. This reduces the risk of contamination of the valve. The moist inhaled air is carried directly out of the inner mask, so that the air exchange is improved considerably since the amount of exhaled air remaining in the mask is reduced to a minimum.

**Speech membrane:**

A built-in speech membrane of synthetic film provides good communication with the surroundings. It is therefore not necessary to leave the polluted area and remove the mask in order to speak to others, and it is also possible to use the telephone without removing the mask.

**Inhalation valve:**

Inhalation takes place via the inhalation valve, whose natural rubber membrane offers only very low resistance.

**Carrying strap:**

20-100 is supplied with a plastic carrying strap.

**Storage brace:**

20-100 is supplied with a plastic transport and storage brace so that the mask always retains its shape.

**TECHNICAL SPECIFICATIONS:**

Face blank.....	Neoprene rubber
Inner mask.....	Neoprene rubber
Buckles.....	"Quick-release" in plastic
Carrying strap.....	Plastic
Head harness.....	Neoprene rubber
Visor.....	Perspex/Triplex
Inhalation valve.....	Nature rubber membrane
Exhalation valve.....	Neoprene rubber membrane
Speech membrane.....	Synthetic film
Valve housing.....	Standard thread (EN 148-1:1987)
Weight.....	App. 525 gram
Colour.....	Black
Approval.....	EN136:1989 CL.2

**ICAN FULL FACE:**

Item no.	Description
20-100	ICAN Full Face, perspex visor
20-100 T	ICAN Full Face, triplex visor
<b>SPARE PARTS:</b>	
Item no.	Description
20-102	Strap set- complete
20-001	Valve set
20-003	Valve housing - complete
20-004	Carrying strap - complete
20-005	Speech membrane set
20-006	Closing band
20-008	Storage brace
20-020	Visor Perspex
20-021	Visor Triplex

**Areas of use (examples):**

- ★ Chemical production
- ★ Medicine production
- ★ Oil and gas extraction
- ★ Laboratory work
- ★ Painting
- ★ Grain and feedstuff work
- ★ Metal degreasing with solvents
- ★ Spraying with pesticides

**Warning!**

If the oxygen content of the air is less than 17% (by volume) oxygen, or if the gas concentration exceeds the maximum allowable level for the filter, an air supply must be used which is independent of the surrounding air.

If the polluted air's oxygen content is 17-21% (by volume), ICAN FULL FACE 20-100 can be used with a gas, particle or combination filter with standard thread connection. Refer to technical data sheet for ICAN-filters with standard thread connection.

If the full face mask is to be used in situations which require a particularly high degree of hygiene and comfort, or where there is a risk of adhesion of dyes, for example, it is recommended that ICAN FULL FACE 20-300 Y or ICAN FULL FACE 20-300 B non-allergic silicone full face masks be used. Refer to technical data sheet for these masks.

It is important that the full face mask's instruction manual is read carefully before use.