

# VENTILATION TUBES

Flexible ventilation tubes are used for the ventilation of underground rooms in mine shafts, industrial halls, tunnels, in shipbuilding and for other similar facilities where the reduction of emission of harmful substances is required, both from the stationary sources and from the movable sources –t contaminants of working environment.

## TECHNICAL DATA:

Flexible ventilation tubes are manufactured the cured fabric which is rubberized on both sides. This fabric is made of 100% synthetic polyester fabric rubberized on both sides by using a special type of rubber, which has self-extinguishing and antistatic properties. Depending on the requirements of the buyer, the range of ventilation tubes being manufactured is as follows:

- Flexible ventilation tubes without reinforcement (compression tubes) for supplying fresh air enriched with oxygen, and
- Flexible ventilation tubes with reinforcement (depression tubes) for sucking out polluted air.

Depending on specific requirements of the buyer, dimensions of flexible ventilation tubes may vary. The standard length is 5 meters and 10 meters, and standard diameters for compression tubes range from 200 mm, 300 mm up to 1,200 mm, and for depression tubes from 200 mm, 300 mm up to 800 mm. Depending on the diameter and design (compression tubes or depression tubes), the installation of ventilation tubes and of connecting elements is done as follows:

- “Suspension” system by means of rubber bands fitted into the very tube, and
- “Suspension” system by means of metal elements for hanging.

