

Conditions of storage

Storage, cleaning and maintenance should be carried out in accordance with the standards DIN 7716 and ISO 2230, relating to all elastomeric components, whether manufactured from natural or synthetic rubber. Over the lifetime of O-rings influence many factors (oxygen, ozone, heat, moisture, solvents, etc.). And therefore the appropriate storage conditions are important to optimize the performance and long-term retention of sealing function built-in condition. When properly stored before installation, O-rings keep their long time (several years) without significant restriction of the application.

The storage rooms should be cool, dry, protected from dust and relatively well ventilated. The temperature should be maintained as close as possible to the room (-10°C to +20°C), because otherwise shortens the lifespan of the O-rings. Radiators and plumbing installations, if available in the repository should be separated by a barrier and the distance between them and the goods to be at least 1 meter. The relative humidity should preferably be 65%. The light should be scattered, for this purpose if there are windows, they must be covered with red or orange paint (sometimes blue). All light sources that emit ultraviolet radiation are harmful because they contribute to the formation of ozone. Start of electrical equipment, motors and machines that can produce sparks or create a field of high voltage also contributes ozone formation. The repository should not be stored solvents, fuels, chemicals, acids, disinfectants, etc.. If possible, we advise you to keep them in their original plastic packaging until it is incorporated into use.

Additional precautions

- avoid external injuries such as superficial injury from gripping clips or deformities by placing heavy weights on the O-rings, do not stretch, bend and do not let them hanging, because it damages the structure.
- For use in production, possibly observe the sequence of delivery to avoid getting stuck in the warehouse.
- If in doubt the status of an O-ring, which is stored for a long time, you can check it by stretching slightly. O-rings on which the light strength noticed fine cracks should not be used.