

# GASKET STORAGE INSTRUCTIONS





## ELASTOMER STORAGE GUIDE

Most elastomers, including vulcanized rubber, tend to change their properties based on various variables in their storage environment. This may be due to hardening, softening, cracking, crazing or other degradation. The immediate environment could also cause degradation through variations in Oxygen, Ozone, Temperature, Light, Heat/Humidity.

Thus, improper storage could result in total loss of the product and may become unserviceable.

Moreover, base polymers have a higher resistance towards the above-mentioned factors as compared to gaskets and seals that are cured.

Therefore, to ensure longevity and potency of the rubber gaskets, proper storage is the way to go!

## PHE SEALING SOLUTIONS' STORAGE STANDARDS

At PHE Sealing Solutions, we store our rubber gaskets in accordance with the industry norms.

Elastomers are stored in a cool and ambient room with no direct sunlight.

The Temperature is maintained between 5°C and 27°C, and humidity is maintained at 65% in a draft free room.

We manage our stock rotation through various techniques like FIFO & LIFO, to avoid spoilage and provide durable gaskets and seals to our customers.

Our gaskets also go through quality inspection, like hardness check at various points and fitment of each gasket on its corresponding plate, to ensure no deteriorated item reaches you.





As we provide cured Plate Heat Exchanger Gaskets and other rubber products, it is necessary to store these gaskets under ideal conditions for maximum efficiency.

| GASKET MATERIAL | SHELF LIFE/ STORAGE PERIOD |
|-----------------|----------------------------|
| NBR             | 3-5 years                  |
| NBR HT          | 4-5 Years                  |
| EPDM            | 5-6 years                  |
| EPDM HT         | 5-6 years                  |
| HNBR            | 5-7 years                  |
| BUTYL           | 5-6 years                  |
| VITON A/B       | 5-7 years                  |
| VITON G         | 5-7 years                  |
| CHLOROPRENE     | 3 years                    |
| PTFE            | Unlimited                  |

