

ISO 27996:2024-02 (E)

Aerospace fluid systems - Elastomer seals - Storage and shelf life

| Contents | | Page |
|--------------------|---|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | General | 2 |
| 5 | Packaging | 2 |
| 5.1 | General | 2 |
| 5.2 | Packaging materials | 3 |
| 5.3 | Labelling | 3 |
| 6 | Storage | 3 |
| 6.1 | Temperature | 3 |
| 6.2 | Humidity | 3 |
| 6.3 | Light | 4 |
| 6.4 | Radiation | 4 |
| 6.5 | Ozone | 4 |
| 6.6 | Deformation | 4 |
| 6.7 | Contact with liquid and semi-solid materials | 4 |
| 6.8 | Contact with metals | 4 |
| 6.9 | Contact with dusting powder | 4 |
| 6.10 | Contact between different elastomers | 4 |
| 6.11 | Elastomeric seals with metal parts bonded to them | 5 |
| 6.12 | Stock rotation | 5 |
| 7 | Recording of data during storage | 5 |
| 8 | Discarding of seals | 5 |
| 8.1 | After limited storage life has been exceeded and negative test results | 5 |
| 8.2 | After storage life limit has been exceeded | 5 |
| 9 | Storage period | 5 |
| 9.1 | Duration of storage | 5 |
| 9.2 | Extension of storage life for class III materials | 6 |
| 9.2.1 | General | 6 |
| 9.2.2 | Visual inspection | 6 |
| 9.2.3 | Testing | 7 |
| 9.2.4 | Extended storage life | 7 |
| 10 | Identification statement | 7 |
| Bibliography | | 8 |