


**Materials**

TITLE:

**STORAGE PROCEDURE FOR  
FLOWGUARD BLADDERS**

1. Scope
  - 1.1. The specification describes the manner in which Flowguard bladders shall be stored.
2. Reference Documents
  - 2.1. ISO 2230:2002 Rubber Products – Guidelines for Storage
3. Location
  - 3.1. All bladders shall be stored in a cupboard that protects the rubber material from light, either natural or artificial, during the storage period in a location designated for that type of bladder or part code.
4. Length of Storage
  - 4.1. All bladders shall be inspected for deterioration after a minimum period of time, if the bladder passes this inspection then it may be stored for a further maximum period of time after which it must be destroyed.

| <b>Material</b>                         | <b>Abbreviation</b> | <b>Initial Storage Life (Years)</b> | <b>Extended Storage Life After Checking (Years)</b> | <b>Total Storage Life (Years)</b> |
|---|---------------------|-------------------------------------|---|-----------------------------------|
| Butyl                                   | IIR                 | 7                                   | 3   | 10                                |
| Epichlorohydrin                         | ECO                 | 7                                   | 3   | 10                                |
| EPT (EPDM)                              | EPT                 | 10                                  | 5   | 15                                |
| Food Quality Black EPT                  | EFB                 | 10                                  | 5   | 15                                |
| Food Quality Black Hydrogenated Nitrile | HFB                 | 7                                   | 3   | 10                                |
| Food Quality Black Nitrile              | NFB                 | 7                                   | 3   | 10                                |
| Food Quality White EPT                  | EFW                 | 10                                  | 5   | 15                                |
| Food Quality White Hydrogenated Nitrile | HFW                 | 7                                   | 3   | 10                                |
| Food Quality White Nitrile              | NFW                 | 7                                   | 3   | 10                                |
| Hydrogenated Nitrile                    | HBR                 | 7                                   | 3   | 10                                |
| Hypalon                                 | CSM                 | 10                                  | 5   | 15                                |
| Low Temperature Nitrile Rubber          | LNB                 | 7                                   | 3   | 10                                |
| Natural Rubber                          | NR                  | 5                                   | 2   | 7                                 |
| Neoprene                                | CR                  | 7                                   | 3   | 10                                |
| Nitrile                                 | NBR                 | 7                                   | 3   | 10                                |
| Peroxide Cured EPT                      | EPC                 | 10                                  | 5   | 15                                |
| Polyurethane                            | AU                  | 5                                   | 2   | 7                                 |
| SBR                                     | SBR                 | 5                                   | 2   | 7                                 |
| Silicon                                 | Q Groups            | 10                                  | 5   | 15                                |
| Viton A                                 | FPA                 | 10                                  | 5   | 15                                |
| Viton B                                 | FPM                 | 10                                  | 5   | 15                                |
| Viton GF                                | FGF                 | 10                                  | 5   | 15                                |

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5. Approvals

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