

**This guidance note is for the Lyon Equipment Ltd
 manufactured textile sewn slings and textile lanyards listed
 below:**

Code:	Description:	Material:
LSL 18-XXX	Nylon sewn sling XXX denotes working length along major axis	Polyamide
LSL 18-XXX S	Nylon sewn sling XXX denotes working length along major axis, S denotes protective sleeve fitted	Polyamide
LSL 25-XXX	Nylon sewn sling XXX denotes working length along major axis	Polyamide
LSL 25-XXX S	Nylon sewn sling XXX denotes working length along major axis, S denotes protective sleeve fitted	Polyamide
LLXXX	Tape lanyards XXX denotes working length along major axis	Polyamide
LSDXXX	Dyneema sewn sling XXX denotes working length along major axis	Dyneema

The useful life of a product depends on the environmental conditions it is in and the intensity of use.

Certain environments will considerably accelerate wear. Salt, sand, snow, ice, moisture and chemicals and other factors such as the following will reduce the safe working life (this list is not exhaustive):

- Normal wear and tear
- Damage to component parts
- Exposure to chemical reagents
- Elevated temperature
- Prolonged exposure to UV radiation including sunlight
- Abrasion
- Cuts
- High impact load
- Failure to maintain as recommended.
- Incorrect storage

In exceptional circumstances wear and damage can reduce the lifetime of the product to a single use

Lyon Equipment Ltd considers that for their textile products listed overleaf, the average lifetime for items in use may be as follows:

- **Intensive use: 3 to 6 months**
- **Weekly use: 12 months**
- **Occasional use: 5 years**
- **Very occasional use: 10 years maximum**

In any circumstances, regardless of condition the item must be withdrawn from service and discarded after ten years from date of manufacture.

If it is intended to store the equipment unused for an extended period (say 5 years or more) it is recommended that, if possible, it should be sealed in a non-oxidising inert gas environment, e.g. Nitrogen.

This information in this document is correct as of the date marked in the footer of this document. It supersedes all previous Lyon guidance and any information on lifetime stated in the instructions provided for the products listed.

For further information on this subject, the following Health and Safety Executive statements (HSE) are recommended (and can be downloaded from their website www.hse.gov.uk)

1. *Inspecting fall arrest equipment made from webbing or rope INDG367 published 09/02*
2. *Assessment of factors that influence the tensile strength of safety harness and lanyard webbings HSL/2002/16*