

Estimated Sling Service Life

Polyamid Nylon Slings – Service life of the Liko nylon slings is anecdotal based on their use in Europe for the last 25 years.

ISO 10535, “hoists for the transfer of disabled persons – Requirements and test methods” 7.8 states: “If the body support unit is designed to be laundered, it shall be cleaned and dried ten (10) times in accordance with the manufacturer’s instructions and then tested with a static load of 1.5 times the maximum load for 20 min.”

Average life appears to be **15 years** when controlled laundering is practiced.

That is:

- No chlorine bleach use, or chlorine bleach use of 100 ppm. or less.
- Hang drying or cabinet drying.
- Water temperatures of 140 – 160 degrees F.

(This is not a guarantee of service life, merely experience in Europe. Service life will vary depending on laundry methods, chemical use, drying, storage and handling.)

Net Polyester – Experience with net polyester is limited to approximately 10 years with no consistent evidence of end-of-service-life wear noted. This material has only recently gained popularity in the institutional setting in the U.S. Previous experience with this material has been in “special school” or group homes for severely handicapped children in Sweden.

Solo Disposable Sling – This sling is designed and intended for temporary use only by a single patient based on an acute care admission of one week or less. No service life is given or implied as this is a disposable item. The sling is made of non-woven polypropylene (not paper) and does not have the long-term abrasion resistant properties of nylon or polyester. It should be discarded when soiled and never laundered.

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