



## **10.0 - Inspections of Twin-Path® Products**

- 10.1 Tell-Tails should extend 1/2" past the tag area of each sling. If both Tell-Tails are not 1/2" long remove the sling from service. If the Tell-Tails show evidence of chemical degradation, remove the sling from service. Send to manufacturer for repair evaluation.
- 10.2 Slings should be inspected for evidence of cutting or tearing of the outer cover. Slings with cuts should be removed from service and sent back to the manufacturer for repair evaluation. Damage to the cover may indicate core damage.
- 10.3 Inspect slings for evidence of heat damage. Slings with polyester or Covermax® covers should not be exposed to temperature above 82°C/180°F. Aramid Sparkeater Slings should not be exposed to temperatures over 149°C/300°F. K-Spec® Core Slings should not be exposed to temperatures above 82°C/180°F. Cold temperature exposure down to minus 40°C/minus 40°F do not effect the strength of the products. Other temperatures should be referred to the manufacturer.
- 10.4 Slings using aluminum fittings shall not be used where fumes, vapors, sprays, or mists of alkalis or acids are present.
- 10.5 Twin-Path® Lifting Slings and any fittings attached should be the subject of frequent and regular inspections. In addition to the initial inspection by a competent person and frequent written inspections, the slings should be visually inspected before each use.
- 10.6 Written inspections should be performed as required and documents of such inspection by a competent person shall be kept on file in the safety department of the plant or site where used. Inspections may be done more often based on frequency of use, severity of conditions, experience of past service life.
- 10.7 Slings should be examined throughout their length for abrasion, cuts, heat damage, fitting distortion or damage, tag legibility, and if any doubts are held by the inspector, the sling should be removed from service. Core integrity is determined by fiber optic light transfer if this type of tell-tail is installed in the sling. If a deterioration is found, the sling must be removed from service and returned to the manufacturer for evaluation.
- 10.8 Slings removed from service that are not capable of repair should be destroyed and rendered completely unfit for future use.
- 10.9 Abrasion, heat damage or cuts to the cover may indicate a loss of strength to the load core and these slings should not be used until evaluated by the manufacturer. At area of damage, cover should be opened and the core yarns counted and visually inspected.

THESE RECOMMENDED STANDARD SPECIFICATIONS HAVE BEEN FORMULATED AS A GUIDE TO USERS, INDUSTRY AND GOVERNMENT TO INSURE THE PROPER USE, MAINTENANCE AND INSPECTION OF TWIN-PATH® LIFTING SLING PRODUCTS.