



Campbell-Mack Supply (1985) Ltd.

INSPECTION CRITERIA

WARNING

Inspection Criteria for Synthetic Web Slings
Refer to illustrations of damaged webbing

Remove from service if any of the following is visible:

- Capacity tag is missing or illegible
- Red core warning yarns are visible
- Sling shows signs of melting, charring or chemical damage
- End fittings are excessively pitted, corroded, distorted, cracked or broken
- Cuts on the face or edge of webbing
- Holes, tears, snags or crushed web
- Signs of excessive abrasive wear
- Broken or worn threads in the stitch patterns
- Any other visible damage which causes doubt as to its strength

Red Core Yarns - warn of dangerous sling damage. All Campbell-Mack Supply Nylon Web Slings shown on this page have this warning feature. When red yarns are visible, the sling should be removed from service immediately. The red core yarns become exposed when the sling surface is cut or worn through the woven face yarns. For other inspection criteria see OSHA/Manufacturer regulations.

Examples of Web Sling Abuse

Most of the damage shown here would cause immediate catastrophic failure of the sling. Not all of the damage you will see will be this obvious or extreme, but still requires removal from use.

Elasticity - The stretch characteristics of web slings depends on the type of yarn and the web finish. Approximate stretch at RATED SLING CAPACITY is:

NYLON

Treated 10%

Untreated 6%

• Acid or Caustic Burns



• Heat Damage



• Cuts



• Cut & Tensile Damage



• Abrasion Damage



• Face Cuts



• Punctures & Snags



• Tensile Break



• Illegible or Missing Tag

