



Checklist

When should lifting equipment no longer be used?

In running operations, the acting personnel are often faced with the question: Am I still allowed to use my lifting slings or round slings? Are they safe?

The requirements placed on textile lifting equipment are high. They have to perform heavy-duty work every day; loads and, as a consequence, human lives depend on them. It is essential that lifting slings and round slings are fully functional and safe. Before each use, a close look at the material and condition is mandatory: Are my lifting devices still fully functional? Do I need to repair them, i.e. are they ready to be removed from service? Our checklist will help you decide.

If your **lifting sling** exhibits at least one of the following characteristics, you must discard it immediately*:

- Damage in the cross-section of more than 10% in relation to the width or thickness of the strap.

Example: A 2" wide endless round sling may have a lateral incision of max. 0.2". If several smaller incisions are visible on the opposite sides, these must be added together. A 0.08" mm incision on one side and a 0.12" incision on the opposite side thus leads to a removal from service.

- Missing or illegible marking. The lifting equipment must not be used without a marking. For example, a printed load capacity on a round sling never replaces the missing identification label!

- Damage to the load-bearing seams

- Damage due to the influence of heat (friction, radiation), recognizable by:

- Shiny looking fibers

- Fused fibers

- Damage due to aggressive substances, recognizable by:

- Chipped fibers

- Fibers that can be pulled out or rubbed off

- Deformations, cracks, fractures or other damage to fittings.

For **round slings**, in addition to the discard criteria for lifting slings listed above, the following characteristics also lead to a removal from service*:

- Damage to the cover (holes, tears, etc.) so that the load-bearing yarn scrim of the round sling is visible.

- Damage to the load-bearing yarn structure

In the case of round slings in particular, the chemical influence of aggressive substances must be examined in detail. In this case, an inspection of the cover is not sufficient, as the yarn structure inside may be damaged even though the cover is intact.

If you are unsure how to proceed, please do not hesitate to contact us:



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