

Plasma[®] Vehicle Recovery Tow Strops

Recommended minimum guidelines to be used in conjunction with COMPANY procedures.

General

Cortland recommend attachment points should have a minimum D:d (diameter of “curvature” of the load bearing tow point to the diameter of the rope) of 2.5:1. The working load limit (WLL) is determined by dividing the rope Minimum Break Load (MBL) by the safety factor (SF). The SF is a function of the physical properties of the products including the age and history of the products, the type of service the products will be subjected to, and the risks involved if failure of the products occurs and should be determined by competent personnel; Minimum recommended Safety Factor (SF) of 2.5:1 should be maintained at all times.

Preparation for Use

- Competent Personnel must supervise the recovery operations.
- Refer to COMPANY recovery procedures.
- Risk assessment of the area should be completed prior to recovery operations.
- Competent Personnel shall determine the strop size required for safe recovery.
- Protect Strop from sharp corners, sharp edges.
- Use in straight line pulls only – NO knots.
- NO SNAP loads.
- Ensure identification tag is present.

Inspection and Maintenance

- Inspect strop before and after use
- Protected Eyes at each end should not have cuts through the sleeve that penetrate the purple inner load bearing core.
- Cuts in the protective fabric body sleeve should not penetrate into the inner load bearing core.
- Soaking with grease/solvents shall be cause for removal from service.
- Gentle, low pressure low temperature washing is acceptable; allow to thoroughly air dry before use.
- Store in a clean dry place.
- When in doubt, tag it out! – Remove damaged strops from service.

WARNING

- **Towing applications only. NOT TO BE USED FOR LIFTING.**
- **Tow strops will fail if abused or improperly maintained.**
- **Misuse may cause serious injury or death.**

Contact Cortland for further advice.