

Working Load Limit

- The Working Load Limit (WLL.) is more important than Breaking Strength (BS) when choosing a strap.
- WLL is 1/3 of the breaking strength because a load will triple in weight when G-forces are applied.
- This can happen when slamming the brakes, turning a corner quickly, etc.
- To pick the correct straps, make sure combined WLL = The weight of the cargo.

Note: Check local laws and regulations to ensure the correct number of straps are used for your type of load. Different types of cargo can require a minimum number of tie-downs. Based on WLL and laws/regulations, it is the responsibility of the user to determine the number of straps needed to secure the load safely.

Example:

If your load is 1000 lbs. it becomes 3000 lbs. with G-Forces applied.

You would need the below tie down options to safely secure.

- A strap with a 500 lb (WLL) = a 1500 lb. Break Strength
(2-straps would be needed to secure the load)
- A strap with a 250 lb. (WLL) = a 1000 lb. Break Strength
(4-straps would be needed to secure the load)

With these options, you will have successfully met:

Combined WLL = Weight of Cargo (1000 lb.)

Combined B.S. = Weight of Cargo with G-Force applied (3000 lb.)

All straps are sewn to the Web Sling and Tie-Down Association specs. All straps have the associations certification sewn in, along with the maximum and Working Load Limits. Our heavy-duty program (B.S. of 3000 lbs. +) have printed webbing to comply with DOT and MTO regulations.