

Definitions

Anchor Point	<i>The location to which a tiedown is attached to a vehicle. If the anchor point is inadequate to support the force of the tiedown system, then the load rating of the tiedown will be limited to the strength of the anchor point.</i>
Breaking Strength	<i>The tensile load in pounds or kilograms at which any part of the synthetic web tiedown assembly fails.</i>
Bulked Nylon	<i>Qualitative term to describe textured nylon yarn.</i>
Cargo	<i>All articles or material carried by a vehicle, including those used in operation of the vehicle.</i>
Chain Load Binder	<i>A binder incorporating an overcenter locking action.</i>
Cross-Docking	<i>The movement of goods directly from receiving dock to shipping dock to eliminate storage expense.</i>
Cubic Capacity	<i>The carrying capacity of a piece of equipment according to measurement in cubic feet.</i>
Cyclic Test	<i>A test to determine the cyclic life or acceptable cyclic rating of a tiedown component or assembly.</i>
Design Factor	<i>The ratio of the breaking strength to the Working Load Limit (WLL) assigned to each synthetic web tiedown assembly.</i>
Direct Tiedown	<i>A tiedown that is intended to provide direct resistance to potential shift of an article.</i>
Elongation	<i>The length of stretch at a specific amount of pull divided by the original length multiplied by 100%.</i>
Fabrication Efficiency	<i>The synthetic web tiedown assembly break strength, as a percentage of the webbing strength prior to fabrication.</i>
Heavy Duty Truck	<i>Truck with a gross vehicle weight generally in excess of 19,500 pounds (class 6-8). Other minimum weights are used by various laws or government agencies.</i>
Indirect Tiedown	<i>A tiedown whose tension is intended to increase the pressure of an article or stack of articles on the deck of the vehicle.</i>
Keeper	<i>A device used on a hook to prevent the hook from inadvertently releasing.</i>
Length	<i>The distance between extreme end bearing points of the synthetic web tiedown assembly, including the fittings.</i>
Proof Load Test	<i>A non-destructive load test of a web tiedown assembly to some multiple of the working load limit of a web tiedown assembly.</i>
Selvage	<i>The woven or knitted edge of synthetic webbing, so formed to prevent raveling.</i>
Sew/Stitch Pattern	<i>The pattern of the stitches used to sew the webbing together.</i>
Shoring Bar	<i>A structural section placed transversely between the walls of a vehicle to prevent cargo from tipping or shifting.</i>
Stuffer	<i>A longitudinal load bearing yarn in webbing.</i>
Ultimate (Destructive) Test	<i>A straight tensile load test of the synthetic web tiedown assembly tested to failure. The failure load is the average breaking strength value of minimum of five (5) test samples.</i>
Winch	<i>A device for tensioning a webbing or wire rope tiedown that is fitted with means to lock the initial tension.</i>
Working Load Limit	<i>This is the maximum combined static and dynamic load in pounds or kilograms that shall be applied in direct tension to a straight and undamaged tiedown assembly.</i>