

PRODUCT SAFETY & INFORMATION SHEET:

1. HOW TO CHOOSE A TIE-DOWN

Northwest Straps recommends using a minimum of (2) Tie-Downs to secure cargo and prevent load shift and (4) Tie-downs for motorcycles and ATV's. **Each Tie-Down should have a Working Load Limit equal to or greater than the weight of your cargo for motorcycles & ATV's.**

WORKING LOAD LIMIT – (The maximum cargo weight a Tie-Down can safely handle and still accommodate unexpected forces caused by speed, road conditions or emergencies). The industry standard Working Load Limit for motorcycles and atv's is 1/3 the Break-Strength of the Tie-Down assembly. **EXAMPLE: 1.5" RATCHET Tie-Down has a Break strength of 2,700 lbs. And a Working Load Limit of 900 lbs. ALWAYS use Safety latch on S-Hooks if possible.**

WARNING! DANGER! FAILURE TO COMPLY WITH WARNINGS MAY RESULT IN PERSONAL INJURY AND/OR DEATH AND CARGO DAMAGE.

2. Do not exceed Working Load Limit. User to evaluate Working Load requirements.

It is the user's responsibility to educate themselves on the proper usage of Tie-downs when securing loads less than 10,000 lbs. Securing loads above 10,000 lbs. requires certification. Area of attachment on vehicle or trailer must be of enough strength to hold load. **Loads settle, and webbing stretches slightly over time under intense pressure and acts as a shock absorber (therefore most all strapping has changed from steel to braided webbing in the transporting industry); check Tie-Downs after a minimum of first 10 miles, and every 50 miles thereafter.** Protect webbing from sharp edges, heat and corrosive materials. Do not use if hardware is damaged or webbing is cut, frayed, burned, melted or abraded. Chock wheeled loads and set brakes. **Use only as a Tie-Down, never for lifting, towing or personal restraint.**

3. MAINTAINING & STORING TIE-DOWNS

Tie-Downs should be protected from mechanical, chemical and environmental damage. Do not store Tie-Downs wet. Lubricate with dry lubricant every 6 MO's or when needed. Wet oil lubricants will dry, gum up and attract dirt over time, and need re-applied more often. A good YouTube video on proper usage is:(How to use A Ratchet Strap the Ez way by Keith Kalfas).

RATCHET STRAPS - BREAK STRENGTH(B.S.) & WORKING LOAD LIMIT(W.L.L.)

1" RATCHET STRAPS – 1,950 LB B.S. -- 650 LB W.L.L.

1.5" RATCHET STRAPS – 2,400 LB B.S. – 800 LB W.L.L.

2" RATCHET STRAPS – 3,300 LB B.S. – 1,100 LB W.L.L.

CAM STRAPS

1" CAM STRAPS – 1,700 LB B.S. – 566 LB W.L.L.

1.5" CAM STRAPS – 2,400 LB B.S. – 800 LB W.L.L.

2" CAM STRAPS – 3,300 LB B.S. – 1,100 LB W.L.L.

RAT/CAM STRAPS

1" RAT/CAM STRAPS – 1,700 LB B.S. – 566 W.L.L.

1.5" RAT/CAM STRAPS – 2,400 LB B.S. – 800 LB W.L.L.

2" RAT/CAM STRAPS – 3,300 LB B.S. – 1,100 LB W.L.L.

TRANSOM STRAPS

2" TRANSOM STRAP – Long Handle – 1,700 LB B.S. – 566 W.L.L.