FLATBEDDISPATCHERS

Open-Deck Gear Inventory

Carrier / MC: _____ Truck #: _____ Trailer: _____

Count date: _____ Checked by: _____

WLL = working load limit from the tag or marking. Unmarked chain and webbing: use the 393.108 table on page 3. Condition: Good, Worn or Replace.

Chains

Grade / type	Size	Length	Qty	WLL each (lb)	Total WLL	Condition	Inspected	Replace by

Binders (ratchet or lever)

Grade / type	Size	Length	Qty	WLL each (lb)	Total WLL	Condition	Inspected	Replace by
Ratchet								
Ratchet								
Lever								

Straps and winches

Item	Width	Length	Qty	WLL each (lb)	Total WLL	Condition	Inspected	Replace by
Strap								
Strap								
Strap								
Winch								
Winch								

WLL totals

Chains _____ lb Straps _____ lb Binders _____ lb Winches _____ lb

A tiedown is only as strong as its weakest part: a 6,600 lb chain on a 5,400 lb binder is a 5,400 lb tiedown (393.108(a)).

Tarps

Type	Size (ft)	Drop (ft)	Qty	Weight (lb)	Condition	Inspected	Replace by
Lumber							
Lumber							
Steel							
Smoke							
Coil or machinery							

Edge protection, dunnage and friction mats

Item	Size	Qty	Condition	Inspected	Replace by	Notes
Corner / edge protectors						
Strap sleeves						
Dunnage (4 x 4, 4 x 6)						
Coil racks / chocks						
Friction mats						

Flags, signs and lights

Item	Size	Qty	Condition	Inspected	Replace by	Notes
Red/orange warning flags	18 in sq. min.					
OVERSIZE LOAD banners						
Amber warning lights						
Red lamps for projecting loads						

Other gear

Item	Size	Qty	Condition	Inspected	Replace by	Notes
Winch bar						
Tarp straps / bungees						
Spare hooks						

Default working load limits, 49 CFR 393.108 (lb)

Use these only when the chain or webbing is not marked by the maker. A marked WLL is the WLL (393.108(b)). Unmarked welded steel chain counts as Grade 30 proof coil (393.108(d)). The WLL of a tiedown is the lowest WLL of any part, including the binder or winch, or of the anchor point, whichever is less (393.108(a)).

Chain size (in)	Grade 30 proof coil	Grade 43 high test	Grade 70 transport	Grade 80 alloy	Grade 100 alloy
1/4	1,300	2,600	3,150	3,500	4,300
5/16	1,900	3,900	4,700	4,500	5,700
3/8	2,650	5,400	6,600	7,100	8,800
7/16	3,700	7,200	8,750	(none listed)	(none listed)
1/2	4,500	9,200	11,300	12,000	15,000
5/8	6,900	13,000	15,800	18,100	22,600

Printed as in the regulation. The table lists Grade 80 5/16 in chain (4,500 lb) lower than Grade 70 (4,700 lb), and no Grade 80 or 100 value for 7/16 in.

Synthetic webbing (straps)

Width (in)	Default WLL (lb)
1 3/4	1,750
2	2,000
3	3,000
4	4,000

A strap tagged by its maker counts at the tag value, which can differ from this table. A strap with a missing or unreadable tag drops to the table value for its width.

When to pull gear out of service

Mark Replace and take it off the truck: straps with cuts, burns, knots or broken stitching; chain with cracked, stretched or bent links; binders or winches that slip or will not lock; tarps with tears that let weather in. Tiedowns and their parts must be in proper working order with no damaged or weakened components (393.104). Brokers on specialized freight may ask for this sheet with your trailer spec sheet before they tender a load.

Sources: 49 CFR 393.108 working load limit tables and rules (a), (b), (d); 49 CFR 393.104 device condition; 49 CFR 393.5 definitions; 49 CFR 393.87 warning flags. eCFR, checked November 2, 2026: ecfr.gov/current/title-49/section-393.108

General information, not legal advice. Check the current regulation and your equipment ratings before you load.