



5 THE HEIGHTS, WEYBRIDGE, SURREY KT13 ONY UK
 TEL: +44(0) 1932 838500 OR FAX: +44(0) 1932 838501



TP12245E

ASME-B30.C-1996-2000

ISO4878

CHECKMATE WEBSLING SAFETY CHART

Rated Capacities for Webslings & Roundslings				Gearbulk Endless	
Duplex and Single Webslings					
Roundslings and Endless Webslings					
Working Load limit (WLL) = Sling rating x Mode Factor (M*) <i>All loads in tonnes</i>	Straight Pull M*=1	Choke Hitch M*=0.8	Basket Parallell M*=2	=> 45° M*=0.7	2 Hook Lift M*=1.0

GEARBULK ANNUAL SLING COLOURS

2001 GREY	2002 AQUAMARINE	2003 RED	2004 VIOLET	2005 BROWN
2006 YELLOW	2007 GREEN	2008 BLUE	2009 ORANGE	2010 SAND

ALL GEARBULK WEBBING SLINGS ARE COLOUR CODED TO CALENDAR YEARS E.G 2001 GREY

The example shown on this safety chart is for a 1000kgs endless:-
 Refer to the sling safety label to confirm the exact WLL

This safety information chart has been provided by Checkmate Lifting and GEARBULK in the interests of the health and safety at work of all employees of GEARBULK and other persons who may from time to time use the equipment.

All persons having any contact whatsoever with webbing slings are instructed to read and put in to practice the information as shown in this safety chart.

FOR INSTRUCTIONS

Equipment in service prior to January 2001 is not covered by this chart and will continue in use until withdrawn at the end of its working life by our culling & inspection programme.

RECOMMENDATIONS FOR THE INSPECTION OF SLINGS FOR DAMAGE

1. Examine the sling throughout its length for surface chafe, cuts in the webbing or selvages or the covers and core of roundslings. Examine stitching of seams and eyes. Examine end fittings for cracks or damage. 2. Chemical damage will show as local softening or powdering of the sling or its outer cover. 3. In case of cuts or significant abrasion or of any case of doubt, the sling should be taken out of service and the advice of the supplier sought.

Polyester slings should be used whenever a minimum of stretch is required. They are unaffected by common acids and hot bleaching solutions.

Polyester slings must not be used with Sulphuric Acid or Alkalis. Not suitable for use at temperatures exceeding 200°C
Stretch at rated capacity is 3% approx.

POLYESTER

ACID	*
ALCOHOL	OK
ALDEHIDES	NO
STRONG ALKALIS	**
BLEACHING AGENTS	OK
DRY CLEANING SOLVENTS	OK
ETHERS	NO
HALOGENATED HYDROCARBONS	OK
HYDROCARBONS	OK
KETONES	OK
OIL, CRUDE	OK
OIL, LUBRICATING	OK
SOAPS & DETERGENTS	OK
WATER, SEAWATER	OK
WEAK ALKALIS	OK

* Disintegrated by concentrated sulphuric acid

** Degraded by strong alkalis at high temp.

SLING TYPES WILL BE IDENTIFIED BY A TAG OF A SPECIFIC COLOUR- LOCATED BY THE JOINT OR SEWN OVERLAP IN THE CASE OF ENDLESS SLINGS. FOR EYE TO EYE THE TAG WILL BE FITTED WITHIN THE EYE.

WEBBCE RED TAG	WEBBLC BLUE TAG	WEBARG GREEN TAG	WEBBAUS YELLOW TAG	WEBEUR OLIVE TAG
WEBCHI ORANGE TAG	WEBBRA BROWN TAG	WEBNOR LT BLUE TAG	ALCHVY BLACK TAG	WEBBCC GREY TAG

IF IN DOUBT CONSULT GEARBULK (UK) EQUIPMENT DEPT. ON

TEL: +44(0) 1932 838500 OR FAX: +44(0) 1932 838501

www.gearbulk.com equip@gearbulk.com

OR CHECKMATE LIFTING ON

TEL: +44(0) 1795 580333 OR FAX: +44(0) 1795 668280