



CHECKMATE®

HMPE ROUNDSLING

Range

Technical Data Sheet | TDS-300



Product Specifications

SKU:	RSX,Circ,WLL eg RSX825
WLL:	up to 400t
Safety Factor:	7:1
MBL:	7 x WLL
Material Sleeve:	HMPE or Polyester
Material Core:	HMPE
Colour Code:	White
Sleeve Type:	Standard or Extra tough

Product Features

- Heavy duty Viking Warrior X WLL: up to 400t
- Available in tailored lengths and set-ups.
- Strength-to-Weight Ratio Up to 10x higher than steel and approx. 2-3x higher than polyester round slings
- Excellent resistance to most alkalis, oils, and seawater
Limited resistance to strong acids and oxidising agents
- Water Absorption < 0.5% (negligible strength loss when wet)
- Performs in damp environments; resists mildew and rot.
- Easy to handle and store; reduces fatigue vs. wire or chain slings.
- Soft jacket protects delicate or painted surfaces.
- Elongation at WLL (Stretch) ≤ 2% (very low stretch compared to polyester at ~7-10%)
- Wear sleeves available to protect from abrasion and sharp objects
- 40 °C to +70 °C (short-term peaks up to +80 °C reduce WLL)
- Tested to BS EN 1492-2:2000+A1:2008. - HMPE material Not covered, reference only
- Safety Factor 7:1 (standard for lifting slings, unless otherwise Specified by application)
- Density < 1.0 (HMPE floats on water)
- Certificates of conformity are supplied with goods
- Manufactured under ISO 9001 Quality Management System

Tested to BS EN 1492-2:2000+A1:2008. - HMPE material not covered, reference only



3m - 120m

The orange colour shown reflects a general colour used for the polyester protective cover. Actual colour may vary depending on the outer sleeve material.
HMPE round slings are not **subject to EN 1492-2 colour coding for WLL** and should always be identified by their label and markings, not by colour

RATED CAPACITIES FOR WEBSLINGS AND ROUNDSLINGS

Duplex Single	Round Endless	Sling Configuration
		Straight Pull M*=1
		Choke Hitch M*=0.8
		Basket Hitch Parallel M*=2
		Basket Hitch 90° M*=1.4
		2-Leg Sling Max 90° M*=1.4
		4-Leg Sling Max 90° M*=2



Working Load Limit (WLL) = Sling rating x Mode Factor (M*)
All loads in tonnes. Factor of Safety for all Webslings and Roundslings is 7:1.

For further information please call:
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