



# ROUND SLING UHMWPE

# GRIZZLY<sup>®</sup> FOR HEAVY LIFT



## UHMWPE FIBER

Our range of slings has been developed using UHMWPE (Ultra-High Molecular Weight Polyethylene) fibre.

This fibre offers excellent resistance to :

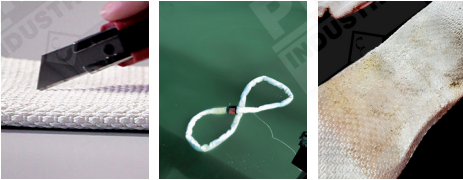
- abrasion resistance,
- cuts,
- and moisture resistance.

Particularly used for the manufacture of high-strength round slings for lifting heavy loads in offshore and onshore industries.

## ADVANTAGES OF THE RANGE

### LONG LIFE

- The weaving threads remain compact and prevent harming the sheath.
- High resistance to cut, abrasion and UV.
- No elasticity of the sleeve.
- Hydrophobic.
- Resistant to chemicals and seawater.



### LIGHTWEIGHT

- 10 times lighter than chain and 5 times lighter than wire rope.
- 2 times lighter than 100% PES roundslings.
- With a fiber density lower than 1, the sling floats.
- Simplified transport and handling.

Comparison of weights between different types :  
50 t / 10 m

Wire rope sling : 246 kg

100% PES sling (fiber core and sleeve) : 90 kg

100% GRIZZLY® sling (fiber core and sleeve) : 45 kg

### ERGONOMICS

- GRIZZLY® roundsling can be used in small spaces, with smaller accessories.
- For the same sling diameter, we achieve a much higher WLL with a GRIZZLY® compared to a standard one.



### GUARANTEED TRACEABILITY

- Indestructible and indelible label thanks to its polyurethane coating.
- Traceability with a unique identification number.

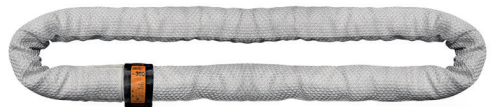
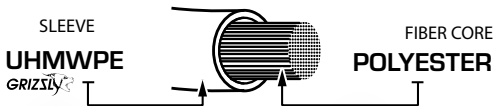
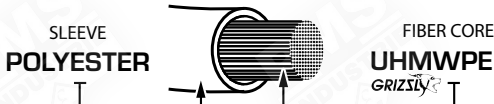
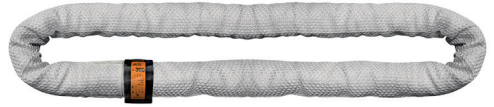
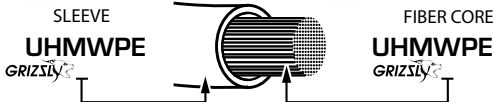


### PROFITABILITY

- Each GRIZZLY® product has an increased lifespan thanks to UHMWPE high resistance.
- Repairable, therefore limits the renewal of your equipment.
- Less operators needed to handle the sling
- Easy to store.

# POSSIBLE CONFIGURATIONS

As a manufacturer, PMS Industrie offers several solutions combining **GRIZZLY** and polyester. To meet up your needs, we can provide you with many combinations of round slings materials :



Sling color	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	
Breaking strength (ton)	105	140	350	700	840	1190	
WLL (ton) SF 7:1	15	20	50	100	120	170	
Ø 1 leg (mm)	49	55	82	114	127	146	
Sleeve thickness (mm)	1,5	1,5	1,5	1,5	1,5	1,5	
Weight m (kg)	1,6	1,6	4,6	8,4	10,3	14	
Ref.	2 m	GRIZZLY/15/2	GRIZZLY/20/2	GRIZZLY/50/2	-	-	-
	3 m	GRIZZLY/15/3	GRIZZLY/20/3	GRIZZLY/50/3	GRIZZLY/100/3	GRIZZLY/120/3	GRIZZLY/170/3
	m +	GRIZZLY/15/...	GRIZZLY/20/...	GRIZZLY/50/...	GRIZZLY/100/...	GRIZZLY/120/...	GRIZZLY/170/...

We can provide you with Grizzly roundslings up to 3000 tons breaking strength, and extreme length of 40 meters. **Bigger capacities upon request.**

MBL = 3000 t  
Temperatures working range from -40°C to 80°C

## NEED TO TEST YOUR PRODUCTS ?



Our experts and our test benches are at your service to test all types of products.

For more information, contact us.

Or visit our website : [www.pmsexpertise.com](http://www.pmsexpertise.com)



# PROTECTIVE SLEEVES

According EN 1492-1:2000+A1:2008

The sleeve is an excellent way to protect the sheath of the round sling as well as the load to be handled. During lifting, the sling slides inside the sleeve, considerably limiting friction and the risk of cuts.



A choice of sleeve thicknesses depending on the type of load.

### PRO :

1,5 - 3 mm



### PRO+ :

3 - 6 mm



### EXPERT :

5 - 10 mm



Depending on the application, we offer velcro and non-velcro sleeves, which can be stitched onto the sling or sliding\* on the sling.

#### Non removable



#### Removable sleeve with velcro



\*The sliding effect allows the equipment to slide smoothly on the sling.

# RFID SYSTEM

Each GRIZZLY sling can be equipped with an RFID system with identification chips/tags. This service gives you access to traceability, product history, controls and much more in a single scan.



For more information, please contact us.



# YOUR DISTRIBUTOR



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