



Specialists in High Performance Yarns

 Designed & Manufactured in the UK



Introduction

Copyright © 2023. Armour Lift.

Introduction to HMPE

Armour Lift UK is a British manufacturer of HMPE products, specialising in high performance round slings and anti-cut sleeves.

HMPE is fast becoming a popular choice for many around the globe. Mainly seen in the offshore industry, HMPE is now becoming a familiar face within most sectors.

Armour Lift manufactures MBL round slings up to 1,000 tons and a full range of HMPE protection options accessible to all markets.

Why Choose Us?

With the ability to manufacture all our products here in the UK, we can help design, customise and manufacture lifting tools for even the most complicated lifts within a short time. Our dedicated team has over 50 years' experience in the textile industry, supplying all around the globe.



Armour Lift - For a Safer Working Environment



Help & Advice

If you need any help or advice, please get in touch and one of our experts will be happy to assist you.

01384 564059
sales@armourlift.co.uk



HMPE Round Slings

Features & Benefits

- ✓ Low in weight - easy to handle
 - ✓ Flexible and soft
 - ✓ High cut resistance
 - ✓ Small diameter
 - ✓ Low elongation
 - ✓ Great puncture resistance
 - ✓ Good resistance to chemicals
 - ✓ High resistance to UV exposure
- ✓ Doesn't absorb water (floats)
 - ✓ Increases efficiency in the workplace
 - ✓ Long-lasting - saving you money
 - ✓ Factor of Safety 7:1
 - ✓ Environmentally friendly
 - ✓ HMPE Wear sleeves available
 - ✓ Operating temperature - 50 / + 65°C

Item Code	Core Diameter	Label Colour	WLL (Working Loads Limit in Ton)		
			Straight Lift	Choked Lift	Parallel (Basket Lift)
					
CODE	mm	SHADE	M=WLL X 1.0	M=WLL X 0.8	M=WLL X 2.0
AL03	22	Yellow	3.0	2.4	6.0
AL05	27	Red	5.0	4.0	10.0
AL08	38	Blue	8.0	6.4	16.0
AL10	45	Orange	10.0	8.0	20.0
AL12	60	Orange	12.0	9.6	24.0
AL15	70	Orange	15.0	12.0	30.0
AL20	80	Orange	20.0	16.0	40.0

M = Mode factor for symmetrical loading



 All of our slings are designed and manufactured in the UK.

Important Notice

Safety Factor on all slings is 7 times the working load limit (7-1SF) for example, 1000kg WLL = 7000kg minimum breaking force.

Please contact us for more information about Armour Lift slings.



Protective Sleeves & Wear Pads

Features & Benefits

- ✓ Low in weight - easy to handle
- ✓ Flexible and soft
- ✓ High cut resistance
- ✓ Very good abrasion resistance
- ✓ Easy to add to any sling
- ✓ Great puncture resistance
- ✓ Good resistance to chemicals
- ✓ High resistance to UV exposure
- ✓ Does not absorb water
- ✓ Increases efficiency in the workplace
- ✓ Long-lasting - saving you money



All of our sleeves are designed and manufactured in the UK.



Armour Lift Open Type Protection

- ✓ Hook and loop type protection can be added to flat slings
- ✓ They can be added as sling part in multiple locations to round slings
- ✓ Can be used as rope or chain protection
- ✓ Easy to add to any contact or wear locations on a lift

Sleeve wall thickness is 1.2mm (2.4mm overall) of Armour Lift HMPE yarn or can be manufactured as a double wall at 2.4mm (4.8mm overall)



Armour Lift Tube Type Protection

- ✓ Armour Lift tube type protection can slide over flat slings
- ✓ They can be added as sling or double part sleeve to round slings
- ✓ Can be used as rope or chain protection

Tube wall thickness is 1.2mm (2.4mm overall) of Armour Lift HMPE yarn



Armour Lift Corner/Edge Protection

- ✓ Armour Lift corner/edge type protection can be added to standard flat or round slings to protect the load and the sling
- ✓ They can be used as rope or chain protection
- ✓ Fitting is via hoop and loop: faster straps
- ✓ Very easy to adjust the position as required
- ✓ Can be manufactured to any length and various thickness

Standard thickness is 6mm, 2 layers of 3mm Armour Lift HMPE webbing but can be made to 12mm, 4 x 3mm



Armour Lift Pyro

Fire Retardant Roundsling

Find out more – www.armourlift.co.uk

Features & Benefits

- ✓ Low in weight compared to polyester and steel wire slings.
- ✓ Flexible and easy to handle compared to steel wire slings.
- ✓ High cut resistance of the inner para-aramid core yarns.
- ✓ FR self-extinguishing outer sleeve.
- ✓ Competitive price compared to steel wire slings.
- ✓ No need for examination patch as used in steel wire slings.
- ✓ 100% textile material giving better flexibility.
- ✓ Reduced time for inspection compared to steel wire slings.
- ✓ Increased speed of rigging compared to steel wire slings.
- ✓ Added safety against heat sources and fire.



 Designed & Manufactured in the UK

Contact Us

If you need any help or advice, please get in touch and one of our experts will be happy to assist you.

01384 564059
sales@armourlift.co.uk

Copyright © 2023. Armour Lift.