

PANGOLIN™

PRO GUARD-HD

**Removable & Replaceable Abrasion Protection
Water-Resistant Reinforced Structure**

Heavy-duty removable rope protection designed for marine mooring, towing and offshore applications.



REMOVABLE & REPLACEABLE

Quick installation and replacement using secure Velcro fastening



HEAVY-DUTY ABRASION PROTECTION

Designed for repeated contact and high-friction operating areas



EXTENDS ROPE SERVICE LIFE

Helps reduce localized surface wear and contact damage



FLEXIBLE INSTALLATION

Can be installed directly at selected rope contact positions



MARINE ENVIRONMENT PROTECTION

Suitable for harsh offshore and towing environments

PRODUCT OVERVIEW

PANGOLIN™ Pro Guard-HD provides practical localized protection for ropes operating in demanding marine environments.

The reinforced structure helps reduce abrasion and surface wear while maintaining rope flexibility and operational handling performance.

The replaceable protection sleeve design also helps simplify maintenance and extend rope service life.

APPLICATIONS

- Mooring operations
- Towing operations
- Deck contact zone
- Fairlead contact zones
- Bollard contact areas
- Winch drum friction zones
- Roller contact points
- Cross-rope friction areas



TECHNICAL INFORMATION



Material	CORDURA®
Structure	Removable heavy-duty protection sleeve
Function	Abrasion and contact protection
Installation	Wrap-around Velcro fastening
Application	Marine / Offshore / Towing
Protection Focus	High-contact wear zones

RECOMMENDED ZONE



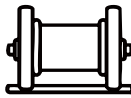
SHARP
METAL EDGE



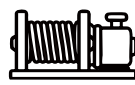
Deck Contact
Zone



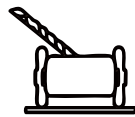
MOORING
FAIRLEAD



BOLLARD
CONTACT



WINCH
FRICTION ZONE



CROSS-ROPE
FRICTION POINT

SPECIFICATION

Model	Part Number	Fit Rope Diameter		Length	
		mm	inch	m	ft
HD250	PAG2230A003MHD	22-30	7/8-1 3/16	3	10
HD300	PAG3244A003MHD	32-44	1 1/4-1 3/4	3	10
HD400	PAG4856A003MHD	48-56	1 7/8-2 3/16	3	10
HD450	PAG6072A003MHD	60-72	2 7/16-2 7/8	3	10

PERFORMANCE BENEFITS

- Reduces localized abrasion
- Helps protect rope surfaces
- Simplifies maintenance replacement
- Maintains rope handling flexibility
- Suitable for repeated marine contact environments

