

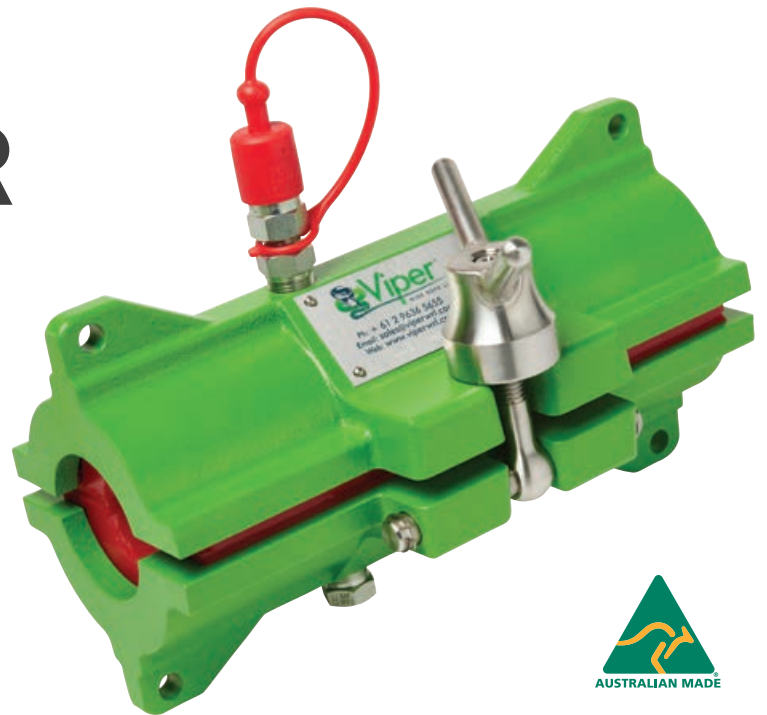
VIPER MINI MK 3 WIRE ROPE LUBRICATOR



IMPROVED ROPE CAPACITY 6MM TO 44MM

**Safe, fast, efficient
and environmentally
responsible solution for
lubricating wire ropes**

The Viper® Mini MK 3 Wire Rope Lubricator is designed to enable lubricant to migrate into the rope ensuring total coverage of lubricant. The Collar is manufactured from high strength aluminium alloy with a robust coating to maximise corrosion resistance in harsh environments. Designed for wire rope lubrication of mobile cranes, tower cranes, deck winches, construction and service cranes, anchor ropes and small marine cranes.



- ✓ Cleans and lubricates wire ropes fast and efficiently
- ✓ Increases the life of wire rope assets by up to 300%
- ✓ Increases the time between relubrication
- ✓ Provides a safer, cleaner work environment
- ✓ Made in Australia

HOW VIPER® MINI MK 3 INCREASES SITE EFFICIENCIES & REDUCES COST

Compact & Lightweight

- Only 3.5kg making the Viper® Mini MK 3 ideal for single person operation
- Minimises WHS issues whilst working at heights

Cost Effective

- Preventative regulated maintenance increases asset longevity
- Lubricates ropes up to 2000 metres per hour
- Reduces relubrication times from several days to just hours reducing manual labour by up to 90%
- Specially designed seal provides durability in harsh environments whilst ejecting moisture and water maximising corrosion resistance

HEALTH SAFETY ENVIRONMENT BENEFITS

The most environmentally responsible method for cleaning and lubricating wire ropes.

- ✓ Every gram of lubricant is used on the rope with no leakage eliminating waste and environment impact
- ✓ No direct contact with the lubricant and avoids risk of accidental spillage
- ✓ The rope can be lubricated from a safe distance reducing hazardous safety risks
- ✓ At 3.5kg it allows for safe single person application

VIPER MINI MK 3 KIT INCLUSIONS

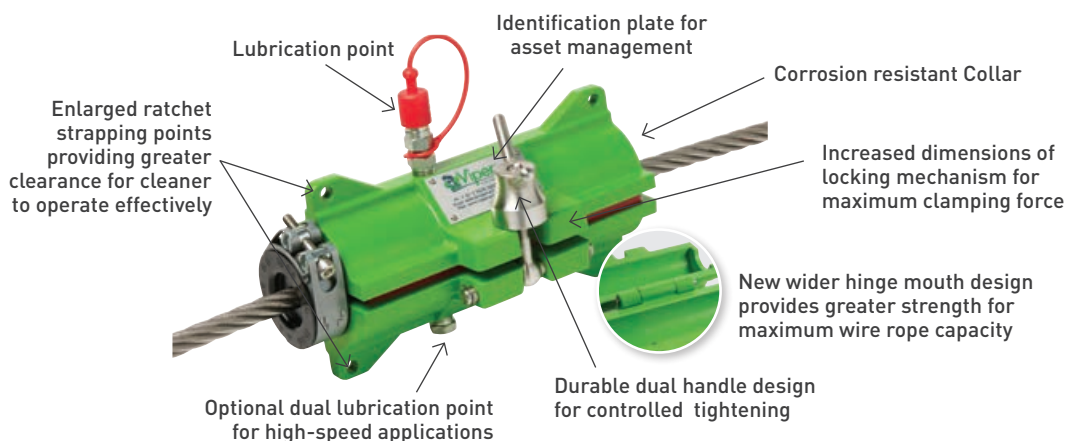
- VIPER MINI MK 3 COLLAR, HIGH PRESSURE PUMP 50:1; 2,900 GRAMS/MIN
- COMPLETE WITH AIR-REGULATOR AND AIR ISOLATION VALVE TO ENABLE SAFER OPERATION
- GREASE PUMP COMPLETE WITH DRUM COVER, CARRY HANDLE, FOLLOWER PLATE AND 4M HOSE WITH QUICK CONNECTS AT EACH END
- RETAINING RATCHET STRAPS & SHACKLES
- ROBUST CORROSION RESISTANT ALUMINIUM STORAGE CASE



*Note Seals are sold separately

INDUSTRIES

- MARINE
- MINING
- CONSTRUCTION
- SHIPPING
- OIL & GAS
- DEFENCE FORCE



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VIPER WRL

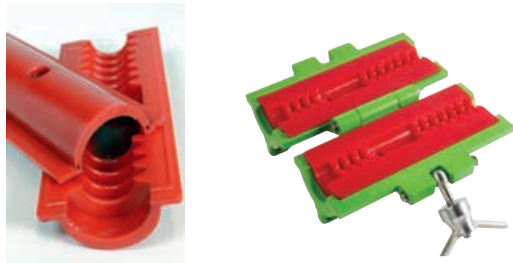
MINI MK 3 6MM TO 44MM

SEAL - VRC - SELECTION GUIDE



SEAL SELECTION

Viper seals are designed to have some interference with the rope, depending on its size and type, with an interference of up to 3mm allowable for standard 6 & 8 strand ropes. For compact, non-rotating or wireline type ropes which do not have valleys, a maximum interference of 1mm is recommended as these ropes do not allow for the same amount of seal deflection within the collar.



ROPE CLEANER (VRC) SELECTION

Viper Rope Cleaners* enable the removal of contamination or built up lubricant from the wire rope prior to lubrication, improving the effectiveness and performance of the lubricated wire rope.

For certain types of wire ropes where the standard Viper Rope Cleaner is not suitable, the Viper 'Smooth Bore' rope cleaner is available. The Smooth Bore Rope Cleaner is typically used on those ropes with a large number of outer strands, some non-rotational ropes, ROV cables, etc, where the valleys between the strands are minimal and do not readily facilitate a standard Viper Rope Cleaner.

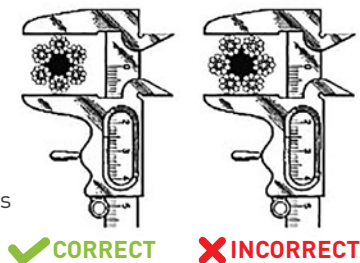


*VRC available as a single unit or pack of 5

IMPORTANT - BEFORE YOU ORDER

1. PHYSICALLY MEASURE ROPES

It is critical that all ropes be physically measured prior to selecting and ordering the VRC, as ropes size may vary in service.



✓ CORRECT

✗ INCORRECT

2. DETERMINE LAY OF ROPES



Right Lay
Clockwise Rotation



Left Lay
Counter Clockwise
Rotation

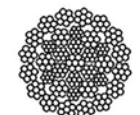
3. DETERMINE THE STRAND TYPE



6 Strand



8 Strand



Armoured or
Multi Strand


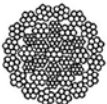
The following tables allow for the quick and easy selection of the correct VRC to suit your specific requirements.



MINI MK 3

SEAL - VRC - SELECTION GUIDE

VIPER MINI MK 3

Actual Rope Size	 6 or 8 Strand Ropes Only		 Armoured or Multi Strand Ropes Only		Viper Smooth Bore Rope Cleaner		Viper Rope Cleaner 6 Strand Ropes*		Viper Rope Cleaner 8 Strand Ropes*	
	Seal Part No.	Seal Part No.	Seal Part No.	Seal Part No.	Right Lay	Left Lay	Right Lay	Left Lay	Right Lay	Left Lay
6mm to 7mm 15/64" to 9/32"	VMI3SEAL6	VMI3SEAL6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8mm to 9mm 5/16" to 23/64"	VMI3SEAL8	VMI3SEAL8	VRC-SB8	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9mm to 10mm 23/64" to 25/64"	VMI3SEAL8	VMI3SEAL10	VRC-SB9	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11mm to 12mm 7/16" to 15/32"	VMI3SEAL10	VMI3SEAL12	VRC-SB11	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13mm to 14mm 33/64" to 35/64"	VMI3SEAL13	VMI3SEAL13	VRC-SB13	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15mm to 16mm 19/32" to 5/8"	VMI3SEAL14	VMI3SEAL16	VRC-SB15	VRC16-6R	VRC16-6L	VRC16-8R	VRC16-8L	VRC16-8R	VRC16-8L	VRC16-8L
17mm to 18mm 43/64" to 45/64"	VMI3SEAL16	VMI3SEAL18	VRC-SB17	VRC18-6R	VRC18-6L	VRC18-8R	VRC18-8L	VRC18-8R	VRC18-8L	VRC18-8L
19mm to 20mm 3/4" to 25/32"	VMI3SEAL18	VMI3SEAL20	VRC-SB19	VRC20-6R	VRC20-6L	VRC20-8R	VRC20-8L	VRC20-8R	VRC20-8L	VRC20-8L
21mm to 22mm 53/64" to 55/64"	VMI3SEAL20	VMI3SEAL22	VRC-SB21	VRC22-6R	VRC22-6L	VRC22-8R	VRC22-8L	VRC22-8R	VRC22-8L	VRC22-8L
23mm to 24mm 29/32" to 15/16"	VMI3SEAL22	VMI3SEAL24	VRC-SB23	VRC24-6R	VRC24-6L	VRC24-8R	VRC24-8L	VRC24-8R	VRC24-8L	VRC24-8L
25mm to 26mm 63/64" to 1-1/32"	VMI3SEAL24	VMI3SEAL26	VRC-SB25	VRC26-6R	VRC26-6L	VRC26-8R	VRC26-8L	VRC26-8R	VRC26-8L	VRC26-8L
27mm to 28mm 1-1/16" to 1-7/64"	VMI3SEAL26	VMI3SEAL28	VRC-SB27	VRC28-6R	VRC28-6L	VRC28-8R	VRC28-8L	VRC28-8R	VRC28-8L	VRC28-8L
29mm to 30mm 1-9/64" to 1-3/16"	VMI3SEAL28	VMI3SEAL30	VRC-SB29	VRC30-6R	VRC30-6L	VRC30-8R	VRC30-8L	VRC30-8R	VRC30-8L	VRC30-8L
31mm to 33mm 1-7/32" to 1-19/64"	VMI3SEAL30	VMI3SEAL32	VRC-SB31	VRC32-6R	VRC32-6L	VRC32-8R	VRC32-8L	VRC32-8R	VRC32-8L	VRC32-8L
33mm to 34mm 1-19/64" to 1-11/32"	VMI3SEAL32	VMI3SEAL33	VRC-SB33	VRC34-6R	VRC34-6L	VRC34-8R	VRC34-8L	VRC34-8R	VRC34-8L	VRC34-8L
35mm to 36mm 1-3/8" to 1-27/64"	VMI3SEAL33	VMI3SEAL35	VRC-SB34	VRC36-6R	VRC36-6L	VRC36-8R	VRC36-8L	VRC36-8R	VRC36-8L	VRC36-8L
37mm to 38mm 1-29/64" to 1-1/2"	VMI3SEAL35	VMI3SEAL38	VRC-SB37	VRC38-6R	VRC38-6L	VRC38-8R	VRC38-8L	VRC38-8R	VRC38-8L	VRC38-8L
39mm-40mm 1-17/32" to 1-37/64"	VMI3SEAL38	VMI3SEAL40	VRC-SB39	VRC40-6R	VRC40-6L	VRC40-8R	VRC40-8L	VRC40-8R	VRC40-8L	VRC40-8L
41mm to 42mm 1-39/64" to 1-21/32"	VMI3SEAL40	VMI3SEAL42	VRC-SB41	VRC42-6R	VRC42-6L	VRC42-8R	VRC42-8L	VRC42-8R	VRC42-8L	VRC42-8L
43mm to 44mm 1-11/16" to 1-47/64"	VMI3SEAL42	VMI3SEAL44	VRC-SB43	VRC44-6R	VRC44-6L	VRC44-8R	VRC44-8L	VRC44-8R	VRC44-8L	VRC44-8L

* VRC available as a single unit or pack of 5. For 5 pack part number add 'Pack' to the end of the single part number. Eg VRC24-6R-Pack

