



Wire Tech AS

SERVICE CENTRE OF HIGH-PERFORM WIRE

Viper Mini MkII Wire Rope Lubricator

SUPERIOR PROTECTION for SMALLER WIRE ROPES

SAFE
Simple
Effective

FEATURES & BENEFITS

- o **Light Weight**
Mini MkII collar with seals weighs only 2.5 kg's making it one of the lightest and easiest to use in the world.
- o **Fast & Efficient Rope Lubrication**
*Set up and install only take minutes. No tools required
Clean and Lubricate ropes in one application at speeds of up to 1000mt/hour .*
- o **Eliminates Manual Greasing**
Safer for staff, reduced lubricant usage, less leakage & mess.
- o **Wide Size Range**
*Viper Mini MkII lubricates ropes from 8mm (5/16") to 30mm (1 3/16").
Optional High Speed kit will lubricate up to 35mm (1 3/8") ropes.
No Scrapers Required.*
- o **Maximum Rope Protection**
*Unique seal design induces lubricant penetration into rope for added corrosion protection.
Direct increase in rope asset life.*

VIPER MINI MKII WRL Kit

The NEW Viper Mini MkII wire rope lubricator is supplied as a complete kit, ready for use with all of the components required to get started. Simply order the kit and required seals (sold separately) to match your ropes and start seeing the benefits of improved rope lubrication.

Optional Viper Mini MkII HS Kit is for ropes 30mm to 35mm or when higher ropes speeds exist. The Viper Mini MkII HS kit incorporates a 4.5kg/min high flow pump and lube flow control valve.



Kit Components

- Viper Mini MkII Collar
- Viper Mini MkII Lube Pump, Air Control & Lube Supply Hose
- Retaining Ratchet Straps & Shackles
- Robust Aluminium Storage Case



'Superior Protection for Wire Ropes'

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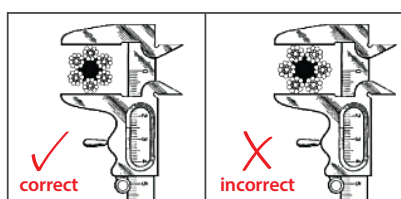
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SEAL & ROPE CLEANER SELECTION GUIDE

Seals Selection

Viper Mini 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.



The illustrations show how to measure a wire rope correctly.

It is recommended that wire ropes be physically measured prior to ordering seals as ropes in service can stretch and sizes may vary.

Rope Cleaner (VRC) Selection

Viper Rope Cleaners enable the removal of contamination or built up old lubricant from the wire rope prior to lubrication, improving the effectiveness of the lubrication process via the Viper Mini MkII WRL. 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 would typically be 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.



Available for 6 and 8 strand ropes in a wide range of sizes, the following tables allow for the quick and easy selection of the correct VRC to suit your specific requirements.

**IMPORTANT
CHOOSE CORRECT
ROPE TYPE
PRIOR TO ORDERING**

 Seals for
6 or 8 Strand
Ropes Only

 Seals for
Armoured
or **Multi Strand**
Ropes Only

| Actual Rope Size | Viper Rope Seals for "6 & 8" Strand Ropes Seal Part No. | Viper Rope Seals for Armoured & Multi Strand Ropes Seal Part No. | Viper Smooth Bore Rope Cleaner | Viper Rope Cleaner "6 Strand Ropes" | | Viper Rope Cleaner "8 Strand Ropes" | |
|------------------------------------|---|---|--------------------------------------|--|----------|--|----------|
| | | | | Right Lay | Left Lay | Right Lay | Left Lay |
| 8mm to 10mm 5/16" to 3/8" | VMISEAL8 | VMISEAL10 | VRC-SB9 | N/A | N/A | N/A | NA |
| 11mm to 12mm 7/16" to 15/32" | VMISEAL10 | VMISEAL13 | VRC-SB11 | N/A | N/A | N/A | NA |
| 13mm to 14mm 1/2" to 9/16" | VMISEAL13 | VMISEAL14 | VRC-SB13 | N/A | N/A | N/A | NA |
| 15mm to 16mm 19/32" to 5/8" | VMISEAL14 | VMISEAL16 | VRC-SB15 | VRC16-6R | VRC16-6L | N/A | NA |
| 17mm to 18mm 21/32 to 11/16" | VMISEAL16 | VMISEAL18 | VRC-SB17 | VRC18-6R | VRC18-6L | N/A | NA |
| 19mm to 20mm 3/4" to 25/32" | VMISEAL18 | VMISEAL20 | VRC-SB19 | VRC20-6R | VRC20-6L | N/A | NA |
| 21mm to 22mm 13/16" to 7/8" | VMISEAL20 | VMISEAL22 | VRC-SB21 | VRC22-6R | VRC22-6L | N/A | NA |
| 23mm to 24mm 29/32" to 15/16" | VMISEAL22 | VMISEAL24 | VRC-SB23 | VRC24-6R | VRC24-6L | VRC24-8R | VRC24-8L |
| 25mm to 26mm 1" to 1 1/32" | VMISEAL24 | VMISEAL26 | VRC-SB25 | VRC26-6R | VRC26-6L | VRC26-8R | VRC26-8L |
| 27mm to 28mm 1 1/16" to 1 1/8" | VMISEAL26 | VMISEAL28 | VRC-SB27 | VRC28-6R | VRC28-6L | VRC28-8R | VRC28-8L |
| 29mm to 30mm 1 5/32" to 1 3/16" | VMISEAL28 | VMISEAL30 | VRC-SB29 | VRC30-6R | VRC30-6L | VRC30-8R | VRC30-8L |
| High Speed Kit Only | | | | | | | |
| 31mm to 33mm 1 1/2" to 1 5/16" | VMISEAL30 | VMISEAL33 | VRC-SB32 | VRC32-6R | VRC32-6L | VRC32-8R | VRC32-8L |
| 34mm to 35mm 1 11/32" to 1 3/8" | VMISEAL33 | VMISEAL35 | VRC-SB34 | VRC34-6R | VRC34-6L | VRC34-8R | VRC34-8L |

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