

### 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 6mm (15/64") to 36mm (1 13/32") in diameter.  
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 180KG drum pump kit available for longer ropes or high volume lubricant requirements.



#### Kit Components

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



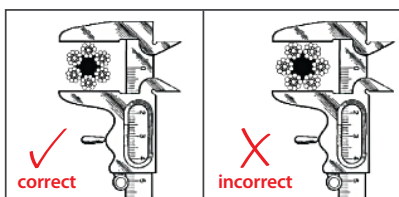
'Superior Protection for Wire Ropes'

## 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**

Actual Rope Size	Seals for 6 or 8 Strand Ropes Only Viper Rope Seals for "6 & 8" Strand Ropes Seal Part No.	Seals for Armoured or Multi Strand Ropes Only 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
				6mm to 7mm 15/64" to 9/32"	VMISEAL6	VMISEAL8	N/A
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	VRC-22-6R	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
31mm to 33mm 1 1/4" to 1 5/16"	VMISEAL30	VMISEAL33	VRC-SB32	VRC32-6R	VRC32-6L	VRC32-8R	VRC32-8L
34mm to 36mm 1 11/32" to 1 13/32"	VMISEAL33	VMISEAL35	VRC-SB34	VRC34-6R	VRC34-6L	VRC34-8R	VRC34-8L



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