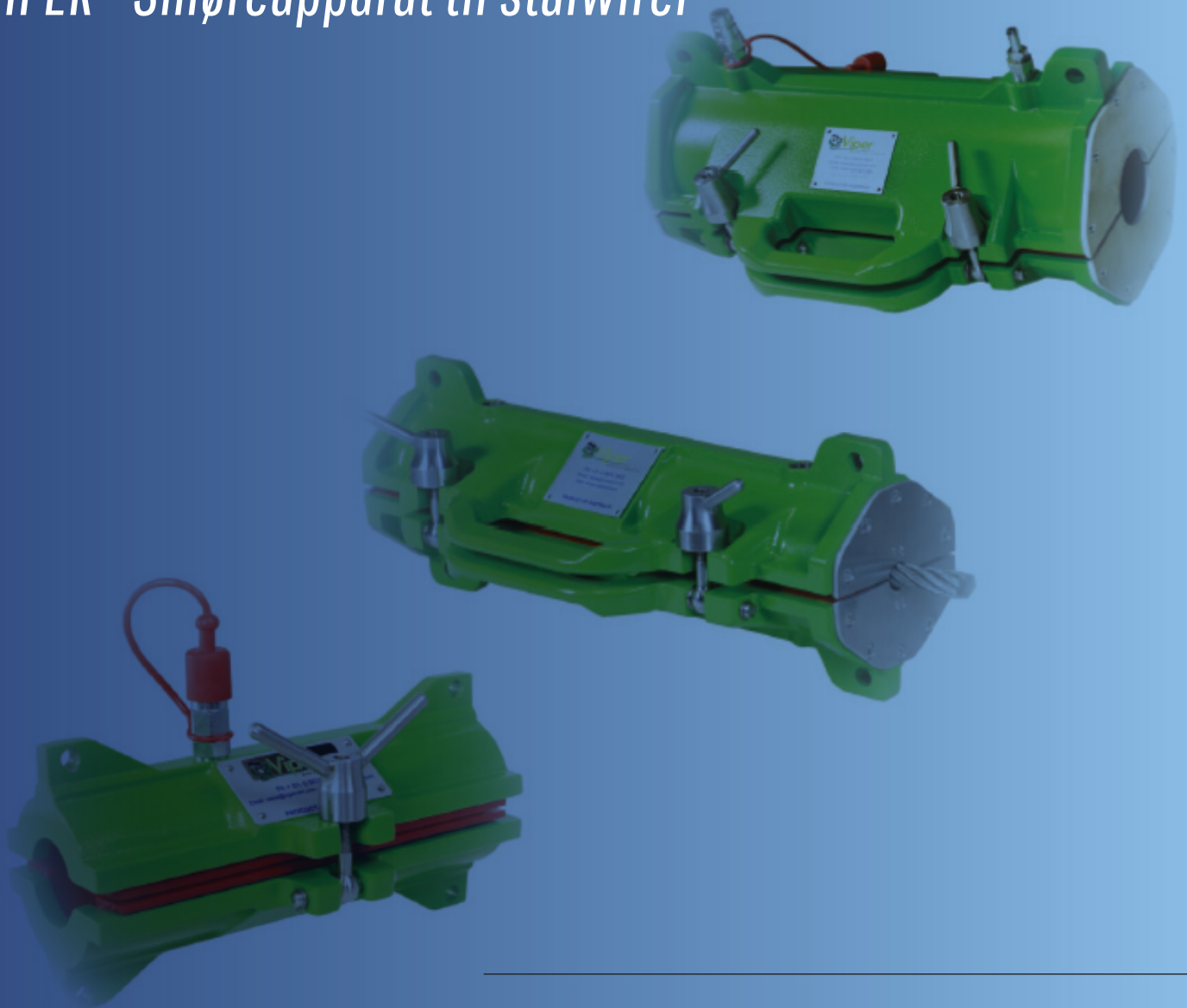


NOS



VIPER - Wire rope lubricator

VIPER - Smøreapparat til stålwirer



E-mail

sales@nos-as.dk

Phone

+45 7669 7070

Address

Overholm 7
Horsens, Denmark

Viper - Wire rope lubricator

Benefits of using Viper WRL

- Increases the life of wire rope assets by up to 300% compared to manual lubrication.
- Reduces relubrication time of ropes from several days to several hours compared to manual lubrication.
- Safer work environment.
- Environmental benefit with less lubricant used and discarded into the environment.

Health, safety & environmental benefits

- The Viper WRL was developed with safety and the environment in mind. When used correctly the Viper WRL has several Health, Safety and Environment benefits.
- Every gram of grease goes on the rope.
- Does not leak meaning no mess.
- No wasted lubricant.
- Light weight allows for safe application.
- There is no direct contact with the lubricant.
- The rope can be lubricated from a safe distance.

Fordele ved brug af Viper WRL

- Øger levetiden på stålwiren med op til 300%, sammenlignet med manuel smøring.
- Reducér smøretiden af wiren fra flere dage til flere timer, sammenlignet med manuel smøring.
- Sikker arbejdsmiljø.
- Miljømæssig fordel ved mindre brug af smøremiddel og udskillelse i miljøet.

Sundheds-, sikkerheds- og miljøvenlige fordele

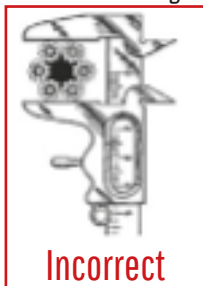
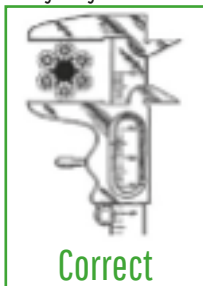
- Viper WRL er udviklet med sikkerhed og miljøet i tankerne. Når Viper WRL bruges korrekt, har det flere sundheds-, sikkerheds- og miljømæssige fordele.
- Hvert et gram smørelse kommer på wiren.
- Lækker ikke = intet "griseri".
- Intet spildt smøremiddel.
- Let vægt giver mulighed for sikker anvendelse.
- Der er ingen direkte kontakt med smøremidlet.
- Wiren kan smøres fra en sikker afstand.

Important - Before you order! Vigtigt - Før du bestiller!

1. Physically measure ropes Fysisk mål wiren

It is critical that all ropes are being physically measured prior to selecting and ordering the VCR, as ropes size may vary in service

Det er meget vigtigt at alle wiren bliver fysisk målt inden valg og bestilling af VCR, da wirestørrelse kan variere i brug

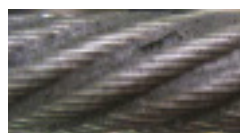


2. Determine lay of ropes Bestem retning af wiren



Right lay
clockwise rotation

*Højre lag rotation
med uret*



Left lay
counter clockwise
rotation

*Venstre lag
rotation mod uret*

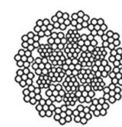
3. Determine the strand type Bestem konstruktionstype



6 Strand
6 slået



8 Strand
8 slået



Armoured or
multi strand
Armeret eller
rotationsfri

Viper MINI MKII

Light weight - Less than 4 kg

Minimises OH&S issues when working at heights. Due to light weight you get more even coating on small diameter multistrand compact ropes. Single Person Operation.

Small size

Ease to mount on ropes.

Cost effective

Cost effective preventative maintenance solution for smaller rope assets.

2.9kg High Pressure Pump

High speed lubrication of wire ropes due to high volume pump.

Suitable for wire ropes
between 6mm to 36mm

Passer til wirer
mellem 6mm til 36mm



Let vægt - Mindre end 4 kg

Minimere OH&S problemer når der arbejdes i højder. På grund af den lette vægt får du mere jævn belægning på kompakte wirer med en lille diameter. Enkelt persons operation.

Lille størrelse

Let at montere på wirer.

Omkostningseffektiv

Omkostningseffektiv, forebyggende vedligeholdelsesløsning for mindre wirer.

2,9 kg højtrykspumpe

Højhastighedssmøring af stålwirer, på grund af højvolumenpumpe.

Viper mini kit inclusions

- Viper mini MKII collar
- Constructed from high-grade cast aluminium alloy with a robust corrosion resistant coating, completed with stainless steel hardware to outlast severe working environments.
- Viper mini MKII lube pump, air control & lube supply hose
- Included, a 2,9kg, 50:1 high pressure pump. Comes complete with air-regulator and air isolation valve to enable better and safer operation. The grease pump comes complete with drum cover, carry handle, follower plate and 4m high pressure lubricant delivery hose.
- Retaining ratchet straps & shackles
- Robust aluminium storage case.

Applications

- Construction & service cranes.
- Deck winches.
- Anchor ropes.
- Mobile cranes.

Applikationer

- Konstruktion & service kraner.
- Dæk spil.
- Anker reb.
- Mobile kraner.



Viper mini kit inkluderer

- Viper mini MKII krave
 - Konstrueret af højkvalitets støbt aluminiumslegering med en robust korrosionsbestandig belægning, komplet med rustfrit stålbeslag til at udholde alvorlige arbejdsmiljøer.
- Viper mini MKII smørepumpe, luftstyring & smøreforsyningslange.
 - Inkluderet, en 2,9kg, 50:1 højtrykspumpe. Leveres komplet med luft-regulator og luftisoleret ventil til at muliggøre bedre og sikker operation. Fedtpumpen leveres komplet med tromldæksel, bærehåndtag, efterfølgerplade og 4 m højtryks-smøremiddeltilførselslange
- Tilbageholdte skraldestopper & sjækler
- Robust aluminiums opbevaringskasse.

Viper - MID MKII

Suitable for wire ropes
between 6mm to 67mm

Passer til wirer
mellem 6mm til 67mm

Built in handles

Enables ease of mounting unit to wire rope.

4.5kg High pressure pump

Ensures consistent lubricant delivery across a wide range of ambient temperatures less downtime – high speed lubrication up to 2000m/h.

Superior seal design

The Viper Seal is made from polyurethane with high abrasion resistance properties, meaning it is resistant to wear.

- Excess lubrication is captured via a second seal chamber meaning low environmental impact.
- The material and internal design of the seal allows for the seal to mould to the shape of the rope. This creates a pumping action massaging lubricant into the rope.
- The seal moulds to the rope which means there is constant contact with the wire rope which enables consistent lubrication.

Metal Alloy Scraper Plate

Enables safe entry of broken wire ropes ensuring the rope and seal is not damaged.

Viper mid kit includes

- Viper mid MKII high strength, cast aluminium collar.
- High volume grease pump - unit delivers 4.5kg/min
- Air regulator/moisture trap with gauge and isolation valve
- 4M high pressure 1/2" lube delivery hose
- High pressure lubricant metering valve
- Clear lube drain hose
- Retaining ratchet straps and shackles
- Robust aluminium storage case
- Convenient carry strap for collar

Applications:

WHARF cranes
Ship cranes
ROV cables
MINE winders
Mobile cranes

Oil & gas platforms
Anchor ropes
Deck winches
Overhead cranes
Ship loaders

Applikationer:

WHARF kraner
Skibskraner
ROV kabler
MINE spolemaskiner
Mobilkraner

Olje & gas platforme
Anker reb
Dækspil
Traverskraner
skibslæseanlæg



Indbygget håndtag

Gør det let at montere enheden på stålwire.

4.5kg Højtrykspumpe

Sikrer konstant levering af smøremiddel over en lang række omgivelsestemperaturer, mindre forsinkelse – højhastighedssmøring op til 2000m/t.

Superior tætningsdesign

Viper tætning er lavet af polyurethan med høj slidresistente egenskaber.

- Overskydende smørelse bliver opsamlet via et ekstra tætningskammer, hvilket betyder lavere miljømæssig påvirkning.
- Materialet og det indre design af tætningen gør, at tætningen kan forme stålwire. Dette skaber en pumpende bevægelse, som masserer smørelsen ind i stålwire.
- Tætningen former sig til stålwire, hvilket betyder, at der er konstant kontakt med stålwire, hvilket giver en konsistent smørelse.

Metallegeret skraberplade

Sikrer sikker indgang af brudte stålwire hvilket sikrer, at wiren og tætningen ikke skades.

Viper mid kit inkluderer

- Viper mid MKII højstyrke, støbt aluminiums krave
- Højvolumen fedt pumpe - enheden leverer 4.5kg/min
- Luftregulator / fugtlås med måler og isoleringsventil
- 4m højtryks-smøremiddeltilførselsslange
- Doseringsventil til højtrykssmøremiddel
- Klar smørelses afløbsslange
- Opretholdelse af skraldestrapper og sjækler
- Robust aluminium opbevaringskasse
- Praktisk bærestrop til krave.





Built in handles

Enables ease of mounting unit to wire rope.

4.5kg High pressure pump

Ensures consistent lubricant delivery across a wide range of ambient temperatures Less downtime – high speed lubrication up to 2000m/h.

Option for 13kg high pressure, high flow pump

High speed lubrication of ropes allows quicker lubrication, hence less downtime, enables larger diameter and longer ropes to be lubricated.

Superior seal design

The Viper Seal is made from polyurethane with high abrasion resistance properties, meaning it is resistant to wear.

- Excess lubrication is captured via a second seal chamber meaning low environmental impact.
- The material and internal design of the seal allows for the seal to mould to the shape of the rope. This creates a pumping action massaging lubricant into the rope.
- The seal moulds to the rope which means there is constant contact with the wire rope which enables consistent lubrication.

Metal Alloy Scraper Plate

Enables safe entry of broken wire ropes ensuring the rope and seal is not damaged.

Viper maxi kit includes

- Viper maxi MKII high strength, cast aluminium collar
- Choice of two pumps 4,5kg/min output & 13kg/min output in 190kg drum size
- Twin lubricant inlets
- Air regulator/moisture trap with gauge and isolation valve
- 10m high pressure supply hose fitted with coupling both ends
- Clear lube drain hose
- 1200kg rated ratchet retaining straps & bow shackles
- Heavy duty fully welded aluminium storage case.

Applications:

- ROC cables
- Vessel crane ropes
- Underwater offshore wire ropes
- Drag lines

Applikationer:

- ROC kabler
- Skibskrans wire
- Undervands offshore stålwirer
- Træk linier

Viper MAXI MKII

Suitable for wire ropes
between 50mm to 165mm

Passer til wirer
mellem 650mm til 165mm

Indbygget håndtag

Gør det let at montere enheden på stålwirer.

4.5kg Højtrykspumpe

Sikrer konstant levering af smøremiddel over en lang række omgivelsestemperaturer, mindre forsinkelse – højhastighedssmøring op til 2000m/t.

Mulighed for 13kg højtryks-, high flow pumpe

Højhastighedssmøring af wirere muliggør hurtigere smøring, og dermed mindre spildtid. Viper maxi gør det muligt at smøre større diameter og længere wirer.

Superior tætningsdesign

Viper tætning er lavet af polyurethan med høj slidresistente egenskaber.

- Overskydende smørelse bliver opsamlet via et ekstra tætningskammer, hvilket betyder lavere miljømæssig påvirkning.
- Materialet og det indre design af tætningen gør, at tætningen kan forme stålwirer. Dette skaber en pumpende bevægelse, som masserer smørelsen ind i stålwirer.
- Tætningen former sig til stålwirer, hvilket betyder at der er konstant kontakt med stålwirer, hvilket giver en konsistent smørelse.

Metallegeret skrabeplade

Sikrer sikker indgang af brudte stålwirer hvilket sikrer, at wiren og tætningen ikke skades.

Viper maxi kit inkluderer

- Viper maxi MKII højstyrke, støbt aluminiums krave
- Valget mellem to pumper 4,5kg/min output & 13kg/min output i 190kg tromle størrelse
- Dobbelt smøremiddelindløb
- Luftregulator / fugtlås med måler og isoleringsventil
- 10m højtryksforsyningssslange udstyret med kobling af begge ender
- Klar smørelses afløbslange
- 1200 kg ratchet fastholdelsesstropper og H-sjækler
- Kraftig fuldsvejset aluminiums opbevaringskasse.



Viper - MINI MKII

Seal - Scraper - VRC - Selection guide

Actual rope size	Viper Seals/scraper for 6 & 8 strand ropes only	Viper Seals/scraper for armoured & 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.		Right lay	Left lay	Right lay	Left lay
6mm - 7mm 15/64" - 9/32"	VMISEAL6	VMISEAL8	N/A	N/A	N/A	N/A	N/A
8mm - 10mm 5/16" - 3/8"	VMISEAL8	VMISEAL10	VRC-SB9	N/A	N/A	N/A	N/A
11mm - 12mm 7/16" - 15/32"	VMISEAL10	VMISEAL13	VRC-SB11	N/A	N/A	N/A	N/A
13mm - 14mm 1/2" - 9/16"	VMISEAL13	VMISEAL14	VRC-SB13	N/A	N/A	N/A	N/A
15mm - 16mm 19/32" - 5/8"	VMISEAL14	VMISEAL16	VRC-SB15	VRC16-6R	VRC16-6L	N/A	N/A
17mm - 18mm 21/32" - 11/16"	VMISEAL16	VMISEAL18	VRC-SB17	VRC18-6R	VRC18-6L	N/A	N/A
19mm - 20mm 3/4" - 25/32"	VMISEAL18	VMISEAL20	VRC-SB19	VRC20-6R	VRC20-6L	N/A	N/A
21mm - 22mm 13/16" - 7/8"	VMISEAL20	VMISEAL22	VRC-SB21	VRC22-6L	VRC22-6L	N/A	N/A
23mm - 24mm 29/32" - 15/16"	VMISEAL22	VMISEAL24	VRC-SB23	VRC24-6L	VRC24-6L	VRC24-8R	VRC24-8L
25mm - 26mm 1" - 1-1/32"	VMISEAL24	VMISEAL26	VRC-SB25	VRC26-6L	VRC26-6L	VRC26-8R	VRC26-8L
27mm - 28mm 1-1/16" - 1-1/8"	VMISEAL26	VMISEAL28	VRC-SB27	VRC28-6R	VRC28-6L	VRC28-8R	VRC28-8L
29mm - 30mm 1-5/32" - 1-3/16"	VMISEAL28	VMISEAL30	VRC-SB29	VRC30-6R	VRC30-6L	VRC30-8R	VRC30-8L
31mm - 33mm 1-1/4" - 1-5/16"	VMISEAL30	VMISEAL33	VRC-SB32	VRC32-6R	VRC32-6L	VRC32-8R	VRC32-8L
34mm - 35mm 1-11/32" - 1-3/8"	VMISEAL33	VMISEAL35	VRC-SB34	VRC34-6R	VRC34-6L	VRC34-8R	VRC34-8L

Viper MID MKII

Seal - Scraper - VRC - Selection guide

Actual rope size	Viper Seals/scraper for 6 & 8 strand ropes only		Viper Seals/scraper for armoured & multi strand ropes only		Viper smooth bore rope cleaner	Viper rope cleaner 6 strand ropes		Viper rope cleaner 8 strand ropes	
	Seal part no.	Scraper no.	Seal part no.	Scraper no.		Right lay	Left lay	Right lay	Left lay
6mm - 7mm 15/64" - 9/32"	VSEAL6	VSC8	VSEAL8	VSC8	N/A	N/A	N/A	N/A	N/A
8mm - 10mm 5/16" - 3/8"	VSEAL8	VSC10	VSEAL10	VSC10	VRC-SB9	N/A	N/A	N/A	N/A
11mm - 12mm 7/16" - 15/32"	VSEAL10	VSC12	VSEAL13	VSC12	VRC-SB11	N/A	N/A	N/A	N/A
13mm - 14mm 1/2" - 9/16"	VSEAL13	VSC14	VSEAL14	VSC14	VRC-SB13	N/A	N/A	N/A	N/A
15mm - 16mm 19/32" - 5/8"	VSEAL14	VSC16	VSEAL16	VSC16	VRC-SB15	VRC16-6R	VRC16-6L	N/A	N/A
17mm - 18mm 21/32" - 11/16"	VSEAL16	VSC18	VSEAL18	VSC18	VRC-SB17	VRC18-6R	VRC18-6L	N/A	N/A
19mm - 20mm 3/4" - 25/32"	VSEAL18	VSC20	VSEAL20	VSC20	VRC-SB19	VRC20-6R	VRC20-6L	N/A	N/A
21mm - 22mm 13/16" - 7/8"	VSEAL20	VSC22	VSEAL22	VSC22	VRC-SB21	VRC22-6R	VRC22-6L	N/A	N/A
23mm - 24mm 29/32" - 15/16"	VSEAL22	VSC24	VSEAL24	VSC24	VRC-SB23	VRC24-6R	VRC24-6L	VRC24-8R	VRC24-8L
25mm - 26mm 1" - 1-1/32"	VSEAL24	VSC26	VSEAL26	VSC26	VRC-SB25	VRC26-6R	VRC26-6L	VRC26-8R	VRC26-8L
27mm - 28mm 1-1/16" - 1-1/8"	VSEAL26	VSC28	VSEAL28	VSC28	VRC-SB27	VRC28-6R	VRC28-6L	VRC28-8R	VRC28-8L
29mm - 30mm 1-5/32" - 1-3/16"	VSEAL28	VSC30	VSEAL30	VSC30	VRC-SB29	VRC30-6R	VRC30-6L	VRC30-8R	VRC30-8L
31mm - 33mm 1-1/4" - 1-5/16"	VSEAL30	VSC34	VSEAL33	VSC34	VRC-SB32	VRC32-6R	VRC32-6L	VRC32-8R	VRC32-8L
34mm - 35mm 1-11/32" - 1-3/8"	VSEAL33	VSC36	VSEAL35	VSC36	VRC-SB34	VRC34-6R	VRC34-6L	VRC34-8R	VRC34-8L

Viper - MID MKII

Seal - Scraper - VRC - Selection guide

Actual rope size	Viper Seals/scraper for 6 & 8 strand ropes only		Viper Seals/scraper for armoured & multi strand ropes only		Viper smooth bore rope cleaner	Viper rope cleaner 6 strand ropes		Viper rope cleaner 8 strand ropes	
	Seal part no.	Scraper no.	Seal part no.	Scraper no.		Right lay	Left lay	Right lay	Left lay
36mm - 38mm 1-13/32" - 1-1/2"	VSEAL35	VSC38	VSEAL38	VSC38	VRC-SB37	VRC38-6R	VRC38-6L	VRC38-8R	VRC38-8L
39mm - 41mm 1-17/32" - 1-19/32"	VSEAL38	VSC41	VSEAL41	VSC41	VRC-SB39	VRC40-6R	VRC40-6L	VRC40-8R	VRC40-8L
42mm - 44mm 1-5/8" - 1-3/4"	VSEAL41	VSC44	VSEAL44	VSC44	VRC-SB43	VRC44-6R	VRC44-6L	VRC44-8R	VRC44-8L
45mm - 46mm 1-25/32" - 1-13/16"	VSEAL44	VSC46	VSEAL46	VSC46	VRC-SB45	VRC46-6R	VRC46-6L	VRC46-8R	VRC46-8L
47mm - 48mm 1-27/32" - 1-7/8"	VSEAL46	VSC48	VSEAL48	VSC48	VRC-SB47	VRC48-6R	VRC48-6L	VRC48-8R	VRC48-8L
49mm - 50mm 1-15/16" - 1-31/32"	VSEAL48	VSC50	VSEAL50	VSC50	VRC-SB49	VRC50-6R	VRC50-6L	VRC50-8R	VRC50-8L
51mm - 53mm 2" - 2-3/32"	VSEAL50	VSC53	VSEAL53	VSC53	VRC-SB52	VRC52-6R	VRC52-6L	VRC52-8R	VRC52-8L
54mm - 55mm 2-1/8" - 2-5/32"	VSEAL53	VSC55	VSEAL55	VSC55	VRC-SB54	VRC54-6R	VRC54-6L	VRC54-8R	VRC54-8L
56mm - 58mm 2-3/16" - 2-9/32"	VSEAL55	VSC58	VSEAL58	VSC58	VMRC-SB57	VMRC58-6R	VRC58-6L	VMRC58-8R	VMRC58-8L
59mm - 60mm 2-5/16" - 2-3/8"	VSEAL58	VSC60	VSEAL60	VSC60	VMRC-SB59	VMRC60-6R	VRC60-6L	VMRC60-8R	VMRC60-8L
61mm - 63mm 2-13/32" - 2-1/2"	VSEAL60	VSC63	VSEAL63	VSC63	VMRC-SB62	VMRC62-6R	VRC62-6L	VMRC62-8R	VMRC62-8L
64mm - 65mm 2-1/2" - 2-9/16"	VSEAL63	VSC65	VSEAL65	VSC65	VMRC-SB64	VMRC64-6R	VRC64-6L	VMRC64-8R	VMRC64-8L
66mm - 67mm 2-19/32" - 2-5/8"	VSEAL65	VSC67	N/A	N/A	VMRC-SB66	VMRC66-6R	VRC66-6L	VMRC66-8R	VMRC66-8L

Viper MAXI MKII

Seal - Scraper - VRC - Selection guide

Actual rope size	Viper Seals/scraper for 6 & 8 strand ropes only		Viper Seals/scraper for armoured & multi strand ropes only		Viper smooth bore rope cleaner	Viper rope cleaner 6 strand ropes		Viper rope cleaner 8 strand ropes	
	Seal part no.	Scraper no.	Seal part no.	Scraper no.		Right lay	Left lay	Right lay	Left lay
49mm - 50mm 1-15/16" - 1-31/32"	VMMSEAL48	VMMSC50	VMMSEAL50	VMMSC50	VRC-SB49	VRC50-6R	VRC50-6L	VRC50-8R	VRC50-8L
51mm - 53mm 2" - 2-3/32"	VMMSEAL50	VMMSC53	VMMSEAL53	VMMSC53	VRC-SB52	VRC52-6R	VRC52-6L	VRC52-8R	VRC52-8L
54mm - 55mm 2-1/8" - 2-5/32"	VMMSEAL53	VMMSC55	VMMSEAL55	VMMSC55	VRC-SB54	VRC54-6R	VRC54-6L	VRC54-8R	VRC54-8L
56mm - 58mm 2-3/16" - 2-3/32"	VMMSEAL55	VMMSC58	VMMSEAL58	VMMSC58	VMRC-SB57	VMRC58-6R	VMRC58-6L	VMRC58-8R	VMRC58-8L
59mm - 60mm 2-5/16" - 2-3/8"	VMMSEAL58	VMMSC60	VMMSEAL60	VMMSC60	VMRC-SB59	VMRC60-6R	VMRC60-6L	VMRC60-8R	VMRC60-8L
61mm - 63mm 2-13/32" - 2-1/2"	VMMSEAL60	VMMSC63	VMMSEAL63	VMMSC63	VMRC-SB62	VMRC62-6R	VMRC62-6L	VMRC62-8R	VMRC62-8L
64mm - 65mm 2-1/2" - 2-9/16"	VMMSEAL63	VMMSC65	VMMSEAL65	VMMSC65	VMRC-SB64	VMRC64-6R	VMRC64-6L	VMRC64-8R	VMRC64-8L
66mm - 67mm 2-19/32" - 2-5/8"	VMMSEAL65	VMMSC67	VMMSEAL68	VMMSC67	VMRC-SB66	VMRC66-6R	VMRC66-6L	VMRC66-8R	VMRC66-8L
68mm - 70mm 2-21/32" - 2-3/4"	VMMSEAL68	VMMSC70	VMMSEAL70	VMMSC70	VMRC-SB69	VMRC70-6R	VMRC70-6L	VMRC70-8R	VMRC70-8L
71mm - 73mm 2-13/16" - 2-7/8"	VMMSEAL70	VMMSC73	VMMSEAL74	VMMSC73	VMRC-SB72	VMRC72-6R	VMRC72-6L	VMRC72-8R	VMRC72-8L
74mm - 75mm 2-27/32" - 2-15/16"	VMMSEAL74	VMMSC75	VMMSEAL76	VMMSC75	VMRC-SB74	VMRC74-6R	VMRC74-6L	VMRC74-8R	VMRC74-8L
76mm - 77mm 2-31/32" - 3"	VMMSEAL76	VMMSC77	VMMSEAL78	VMMSC77	VMRC-SB76	VMRC76-6R	VMRC76-6L	VMRC76-8R	VMRC76-8L
78mm - 79mm 3-3/64" - 3-5/64"	VMMSEAL78	VMMSC79	VMMSEAL80	VMMSC79	VMRC-SB78	VMRC78-6R	VMRC78-6L	VMRC78-8R	VMRC78-8L
80mm - 82mm 3-1/8" - 3-13/64"	VMMSEAL80	VMMSC82	VMMSEAL83	VMMSC82	VMRC-SB80	VMRC82-6R	VMRC82-6L	VMRC82-8R	VMRC82-8L

Viper - MAXI MKII

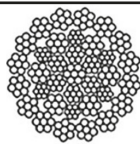
Seal - Scraper - VRC - Selection guide

Actual rope size	Viper Seals/scraper for 6 & 8 strand ropes only		Viper Seals/scraper for armoured & multi strand ropes only		Viper smooth bore rope cleaner	Viper rope cleaner 6 strand ropes		Viper rope cleaner 8 strand ropes	
	Seal part no.	Scraper no.	Seal part no.	Scraper no.		Right lay	Left lay	Right lay	Left lay
83mm - 85mm 3-15/64" - 3-5/16"	VMMSEAL83	VMMSC85	VMMSEAL86	VMMSC85	VMRC-SB84	VMRC84-6R	VMRC84-6L	VMRC84-8R	VMRC84-8L
86mm - 88mm 3-23/64" - 3-7/16"	VMMSEAL86	VMMSC88	VMMSEAL90	VMMSC88	VMRC-SB87	VMRC88-6R	VMRC88-6L	VMRC88-8R	VMRC88-8L
89mm - 91mm 3-15/32" - 3-1/2"	VMMSEAL90	VMMSC91	VMMSEAL92	VMMSC91	VMRC-SB90	VMRC90-6R	VMRC90-6L	VMRC90-8R	VMRC90-8L
92mm - 94mm 3-21/32" - 3-5/8"	VMMSEAL92	VMMSC94	VMMSEAL94	VMMSC94	VMRC-SB93	VMRC92-6R	VMRC92-6L	VMRC92-8R	VMRC92-8L
94mm - 95mm 3-11/16" - 3-11/16"	VMMSEAL94	VMMSC94	VMMSEAL96	VMMSC94	VMRC-SB94	VMRC94-6R	VMRC94-6L	VMRC94-8R	VMRC94-8L
96mm - 97mm 3-3/4" - 3-13/16"	VMMSEAL96	VMMSC97	VMMSEAL98	VMMSC97	VMRC-SB96	VMRC96-6R	VMRC96-6L	VMRC96-8R	VMRC96-8L
98mm - 99mm 3-7/32" - 3-7/8"	VMMSEAL98	VMMSC99	VMMSEAL100	VMMSC99	VMRC-SB98	VMRC98-6R	VMRC98-6L	VMRC98-8R	VMRC98-8L
100mm - 102mm 3-29/32" - 3-15/16"	VMMSEAL100	VMMSC102	VMMSEAL103	VMMSC102	VMRC-SB101	VMRC102-6R	VMRC102-6L	VMRC102-8R	VMRC102-8L
103mm - 105mm 4" - 4-3/32"	VMMSEAL103	VMMSC105	VMMSEAL106	VMMSC105	VMMRC-SB104	VMRC104-6R	VMRC104-6L	VMMRC104-8R	VMMRC104-8L
106mm - 108mm 4-1/8" - 4-7/32"	VMMSEAL106	VMMSC108	VMMSEAL109	VMMSC108	VMMRC-SB107	VMRC108-6R	VMRC108-6L	VMMRC108-8R	VMMRC108-8L
109mm - 111mm 4-1/4" - 4-9/32"	VMMSEAL109	VMMSC111	VMMSEAL112	VMMSC111	VMMRC-SB110	VMRC110-6R	VMRC110-6L	VMMRC110-8R	VMMRC110-8L
112mm - 114mm 4-3/8" - 4-7/16"	VMMSEAL112	VMMSC111	VMMSEAL115	VMMSC111	VMMRC-SB113	VMRC112-6R	VMRC112-6L	VMMRC112-8R	VMMRC112-8L
115mm - 116mm 4-1/2" - 4-17/32"	VMMSEAL115	VMMSC116	VMMSEAL117	VMMSC116	VMMRC-SB115	VMRC116-6R	VMRC116-6L	VMMRC116-8R	VMMRC116-8L
117mm - 119mm 4-9/16" - 4-5/8"	VMMSEAL117	VMMSC119	VMMSEAL120	VMMSC119	VMMRC-SB118	VMRC118-6R	VMRC118-6L	VMMRC118-8R	VMMRC118-8L

IMPORTANT
CHOOSE CORRECT
ROPE TYPR PRIOR TO
ORDERING



This column is for
6 or 8 strand
ropes only



This column is for
armoured or multi strand
ropes only

Multi-Strand rope cleaners
for ropes over 65mm are available on request,
eg: 18/21 strand ropes
minimum order quantities may be applicable

Viper MAXI MKII

Seal - Scraper - VRC - Selection guide

Actual rope size	This column is for 6 or 8 strand ropes only		This column is for armoured or multi strand ropes only		Viper smooth bore rope cleaner	Multi-Strand rope cleaners for ropes over 65mm are available on request, eg: 18/21 strand ropes minimum order quantities may be applicable		Viper rope cleaner 8 strand ropes	
	Seal part no.	Scraper no.	Seal part no.	Scraper no.		Right lay	Left lay	Right lay	Left lay
120mm - 122mm 4-11/16" - 4-3/4"	VMMSEAL120	VMMSC122	VMMSEAL123	VMMSC122	VMMRC-SB121	VMMRC122-6R	VMMRC122-6L	VMMRC122-8R	VMMRC122-8L
123mm - 125mm 4-13/16" - 4-7/8"	VMMSEAL123	VMMSC125	VMMSEAL126	VMMSC125	VMMRC-SB124	VMMRC124-6R	VMMRC124-6L	VMMRC124-8R	VMMRC124-8L
126mm - 128mm 4-15/16" - 5"	VMMSEAL126	VMMSC128	VMMSEAL129	VMMSC128	VMMRC-SB127	VMMRC128-6R	VMMRC128-6L	VMMRC128-8R	VMMRC128-8L
129mm - 131mm 5-1/32" - 5-7/64"	VMMSEAL129	VMMSC131	VMMSEAL132	VMMSC131	VMMRC-SB130	VMMRC130-6R	VMMRC130-6L	VMMRC130-8R	VMMRC130-8L
132mm - 134mm 5-1/8" - 5-1/4"	VMMSEAL132	VMMSC134	VMMSEAL135	VMMSC134	VMMRC-SB133	VMMRC134-6R	VMMRC134-6L	VMMRC134-8R	VMMRC134-8L
135mm - 137mm 5-9/32" - 5-5/16"	VMMSEAL135	VMMSC137	VMMSEAL138	VMMSC137	VMMRC-SB136	VMMRC136-6R	VMMRC136-6L	VMMRC136-8R	VMMRC136-8L
138mm - 140mm 5-3/8" - 5-7/16"	VMMSEAL138	VMMSC140	VMMSEAL141	VMMSC140	VMMRC-SB139	VMMRC140-6R	VMMRC140-6L	VMMRC140-8R	VMMRC140-8L
141mm - 143mm 5-1/2" - 5-9/16"	VMMSEAL141	VMMSC143	VMMSEAL144	VMMSC143	VMMRC-SB142	VMMRC142-6R	VMMRC142-6L	VMMRC142-8R	VMMRC142-8L
144mm - 146mm 5-5/8" - 5-11/16"	VMMSEAL144	VMMSC146	VMMSEAL147	VMMSC146	VMMRC-SB145	VMMRC146-6R	VMMRC146-6L	VMMRC146-8R	VMMRC146-8L
147mm - 149mm 5-3/4" - 5-13/16"	VMMSEAL147	VMMSC149	VMMSEAL150	VMMSC149	VMMRC-SB148	VMMRC148-6R	VMMRC148-6L	VMMRC148-8R	VMMRC148-8L
150mm - 152mm 5-7/8" - 5-15/16"	VMMSEAL150	VMMSC152	VMMSEAL153	VMMSC152	VMMRC-SB151	VMMRC152-6R	VMMRC152-6L	VMMRC152-8R	VMMRC152-8L
153mm - 155mm 6" - 6-1/16"	VMMSEAL153	VMMSC155	VMMSEAL156	VMMSC155	VMMRC-SB154	VMMRC154-6R	VMMRC154-6L	VMMRC154-8R	VMMRC154-8L
156mm - 158mm 6-3/32" - 6-3/16"	VMMSEAL156	VMMSC158	VMMSEAL159	VMMSC158	VMMRC-SB157	VMMRC158-6R	VMMRC158-6L	VMMRC158-8R	VMMRC158-8L
159mm - 161mm 6-1/4" - 6-5/16"	VMMSEAL159	VMMSC161	VMMSEAL162	VMMSC161	VMMRC-SB160	VMMRC160-6R	VMMRC160-6L	VMMRC160-8R	VMMRC160-8L
162mm - 165mm 6-3/8" - 6-1/2"	VMMSEAL162	VMMSC165	VMMSEAL165	VMMSC165	VMMRC-SB163	VMMRC164-6R	VMMRC164-6L	VMMRC164-8R	VMMRC164-8L

We offer a wide range of products

We offer products such as steel wire ropes, lifting equipment, fibre ropes etc. to the Building & construction, Oil & gas, Maritime and Windpower industries. We are known for being flexible, fast and precise. We are willing to go an extra 2 miles for our customers, to make sure that they get the right solution.

We offer custom made solutions

We have our own rigging workshop, where we can custom make products within fiber ropes and wire ropes.

We are very focused on the customer being satisfied with the products that they buy from us. Occasionally it can be that the customers want more specific products, than what can be delivered as standard, that is why we can adapt the products so they fit our customers specific assignments.

Vi tilbyder et bredt udvalg af produkter

Vi forhandler produkter såsom stålwirer, løftegrej, tovværk m.m. til Industri & Byggeri, Marine, Olie & Gas og Vindenergi sektorerne. Vi er kendt for at være fleksible, hurtige og præcise. Vi går gerne to skridt ekstra for at sikre vores kunder den helt rigtige løsning.

Vi tilbyder kundetilpassede løsninger

Vi har vores eget riggerværksted, hvor vi kan udføre kundespecifikke opgaver inden for tovværk og wirer.

Vi går meget op i at kunden altid skal være tilfreds med de produkter, de køber hos os. Derfor hænder det, at produkterne skal være mere specifikke, end de standard produkter der kan leveres. Så derfor har vi mulighed for at tilpasse produkterne således, at de passer til kundens specifikke opgave.

