

VIPER Wire Rope Lubricator for Unitor™ MINI MK 3 SEAL - CLEANER - SELECTION GUIDE

SEAL SELECTION

Viper seals for Unitor™ 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.



SCRAPER SELECTION

Viper recommends that wire ropes be physically measured prior to ordering seals and scrapers as ropes in service may vary in size. Scrapers are supplied slightly larger than the actual wire rope size to allow for rope flexing.



ROPE CLEANER SELECTION

Viper Rope Cleaners for Unitor™ 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 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.

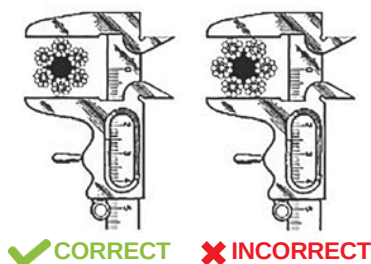


IMPORTANT - BEFORE YOU ORDER

1.

PHYSICALLY MEASURE ROPES

It is critical that all ropes be physically measured



2.

DETERMINE LAY OF ROPES



Right Lay
Clockwise Rotation



Left Lay
Counter Clockwise
Rotation

3.

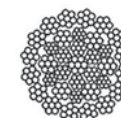
DETERMINE THE STRAND TYPE



6 Strand



8 Strand

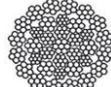


Armoured or
Multi Strand

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

VIPER MINI MK 3 for Unitor™

SEAL-CLEANER-SELECTION GUIDE

IMPORTANT CHOOSE CORRECT ROPE TYPE PRIOR TO ORDERING 	 6 or 8 Strand Ropes Only	 Armored or Multi Strand Ropes Only					
	Seals for 6 & 8 Strand Seal Part No.	Seals for Armored & Multi Strand Ropes Only Seal Part No.	Smooth Bore Rope Cleaner	Rope Cleaner 6 Strand Ropes* Right Lay	Left Lay	Rope Cleaner 8 Strand Ropes* Right Lay	Left Lay
6mm to 7mm 15/64" to 9/32"	VMI3SEAL6	VMI3SEAL6	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
9mm to 10mm 23/64" to 25/64"	VMI3SEAL8	VMI3SEAL10	VRC-SB9	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
13mm to 14mm 33/64" to 35/64"	525189	525189	525257	N/A	N/A	N/A	N/A
15mm to 16mm 19/32" to 5/8"	525190	525191	525258	525206	525205	525208	525207
17mm to 18mm 43/64" to 45/64"	525191	525192	VRC-SB17	525210	525209	525212	525211
19mm to 20mm 3/4" to 25/32"	525192	525193	525259	VRC20-6R	VRC20-6L	VRC20-8R	VRC20-8L
21mm to 22mm 53/64" to 55/64"	525193	525194	525260	525214	525213	525216	525215
23mm to 24mm 29/32" to 15/16"	525194	525195	525261	525218	525217	525220	525219
25mm to 26mm 63/64" to 1-1/32"	525195	525196	525262	525222	525221	525224	525223
27mm to 28mm 1-1/16" to 1-7/64"	525196	525197	525263	525226	525225	525228	525227
29mm to 30mm 1-9/64" to 1-3/16"	525197	525198	525264	525230	525229	525232	525231
31mm to 33mm 1-7/32" to 1-19/64"	525198	525199	520170	525234	525233	525236	525235
33mm to 34mm 1-19/64" to 1-11/32"	525199	525200	525265	VRC34-6R	VRC34-6L	VRC34-8R	VRC34-8L
35mm to 36mm 1-3/8" to 1-27/64"	525200	525201	520160	525238	525237	VRC36-8R	525239
37mm to 38mm 1-29/64" to 1-1/2"	525201	525202	525266	525242	525241	525244	525243
39mm-40mm 1-17/32" to 1-37/64"	525202	525203	525267	525246	525245	525248	525247
41mm to 42mm 1-39/64" to 1-21/32"	525203	525204	VRC-SB41	525250	525249	525252	525252
43mm to 44mm 1-11/16" to 1-47/64"	525204	520200	525268	525270	VRC44-6L	VRC44-8R	VRC44-8L

Product offered by

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Product technology by

