



## Novasub pulling fleeters for diver umbilical's, hoses and towing cable applications.

The fleeters (**Chinese fingers**) are made of plastic coated Aramid fiber strands. These fleeters do not have the metallic fraying as traditional fleeter do thereby eliminating the chance of being injured or causing damage from metallic strands that have been abraded.

Novasub standard stock Double Eye Single Weave Fleeters				
Part No.	Size	Work Load	Break Strength	Weave
NSFDS1	¼" – ¾" 7-19 mm	375 kg.	1125 kg.	Single
NSFDS2	¾" – 1" 19-25 mm	540 kg.	1600 kg.	Single
NSFDS3	1" – 1 ½" 25-38 mm	750 kg.	2250 kg.	Single
NSFDS4	1 ½" – 2" 38-51 mm	875 kg.	2600 kg.	Single

Novasub standard stock Double Eye Double Weave Fleeters				
Part No.	Size	Work Load	Break Strength	Weave
NSFDD5	1" – 1 ½" 25-38 mm	1485 kg.	4450 kg.	Double
NSFDD6	1 ½" – 2" 38-51 mm	1785 kg.	5355 kg.	Double
NSFDD7	2" – 2 ½" 51-63 mm	2385 kg.	7155 kg.	Double
NSFDD8	2 ½" - 3" 63-76 mm	2385 kg.	7155 kg.	Double
NSFDD9	3" – 4" 76-101 mm	2385 kg.	7155 kg.	Double

### Advantages

- **Non Conductive**
- **Lighter yet Stronger than Metal Grips**
- **Easier to Load & Remove**
- **No Wire Frays**
- **No Wire Cuts and Contusions**

### Applications

- **Umbilicals**
- **Cables**

### Fleeter selection table:

Individual cable/hose diameter range -in. (mm)	Number of cable/hoses in bundle							Grip Diameter Range
	2	3	4	5	6 & 7	8	9	In (mm)
.30-.38 (8-10)	.25-.31 (6-8)	.22-.27 (6-7)	.19-.24 (5-6)	.17-.22 (4-5)	.15-.19 (4-5)	.14-.18 (3-4)	.50-.61 (13-15)	
.38-.44 (10-11)	.31-.36 (8-9)	.27-.31 (7-8)	.24-.29 (6-7)	.22-.26 (6-7)	.19-.23 (5-6)	.18-.21 (4-5)	.62-.74 (16-19)	
.44-.59 (11-15)	.36-.49 (9-12)	.31-.42 (8-11)	.29-.36 (7-10)	.26-.34 (7-9)	.23-.31 (6-8)	.21-.28 (5-7)	.75-.99 (19-25)	
.59-.75 (15-19)	.49-.63 (12-16)	.42-.54 (11-14)	.36-.40 (10-12)	.34-.43 (9-11)	.31-.39 (8-10)	.28-.36 (7-9)	1.00-1.24 (25-31)	
.75-.90 (19-23)	.63-.76 (16-19)	.54-.65 (14-17)	.40-.56 (12-15)	.43-.52 (11-13)	.39-.46 (10-12)	.36-.42 (9-11)	1.25-1.49 (31-38)	
.90-1.07 (23-27)	.76-.89 (19-23)	.65-.77 (17-19)	.56-.67 (15-17)	.52-.60 (13-15)	.46-.54 (12-14)	.42-.49 (11-12)	1.50-1.74 (38-44)	
1.07-1.22 (27-31)	.89-1.02 (23-26)	.77-.88 (19-20)	.67-.77 (17-19)	.60-.69 (15-19)	.54-.62 (14-15)	.49-.56 (12-14)	1.75-1.99 (44-51)	
1.22-1.53 (31-39)	1.02-1.26 (26-33)	.88-1.10 (20-28)	.77-.96 (19-24)	.69-.86 (19-22)	.62-.77 (15-19)	.56-.71 (14-18)	2.00-2.49 (51-63)	
1.53-1.83 (39-46)	1.26-1.53 (33-39)	1.10-1.32 (28-34)	.96-1.16 (24-29)	.86-1.03 (22-26)	.77-.93 (19-24)	.71-.85 (18-22)	2.50-2.99 (63-76)	
1.83-2.14 (46-54)	1.53-1.79 (39-45)	1.32-1.54 (34-39)	1.16-1.35 (29-34)	1.03-1.20 (26-30)	.93-1.08 (24-27)	.85-.99 (22-25)	3.00-3.49 (76-89)	
2.14-2.44 (54-62)	1.79-2.05 (45-52)	1.54-1.76 (39-45)	1.35-1.54 (34-39)	1.20-1.37 (30-36)	1.08-1.24 (27-31)	.99-1.13 (25-29)	3.50-3.99 (89-101)	
2.44-2.75 (62-70)	2.05-2.30 (52-58)	1.76-1.98 (45-50)	1.54-1.74 (39-44)	1.37-1.55 (36-39)	1.24-1.39 (31-35)	1.13-1.27 (29-32)	4.00-4.49 (101-114)	
2.75-3.06 (70-78)	2.30-2.56 (58-65)	1.98-2.20 (50-56)	1.74-1.99 (44-49)	1.55-1.72 (39-44)	1.39-1.55 (35-39)	1.27-1.41 (32-36)	4.50-4.99 (114-127)	



Double eye – Single weave Fleeter

## Stainless steel Fleeters

Apart from the Kevlar range Novasub can also supply a full range of Stainless steel fleeters, ranging from ¼" to 9 ½" diameter and a holding force of max. 4000 kg for the single eyes. ¼" to 5" diameter and a holding force of max. 5000 kg for the double eyes.



### **Related Products:**

- Diver umbilicals
- WetBell umbilicals
- ROV Umbilicals
- Towing cables
- Hoses

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