

# PRODUCT CLASS

**Type A**



# IRIDIUM LIGHT CORE

## COVER ( Iridium / Cordura )

**IRIDIUM LIGHT CORE ( CRD - PET )**

**CORE :** IRIDIUM + PU resin treatment on request  
**COVER :** Tech mix Cordura - Iridium

**CORE : IRIDIUM ( PU RESIN TREATMENT )**



**COVER TECH MIX : CORDURA / POLYESTER**



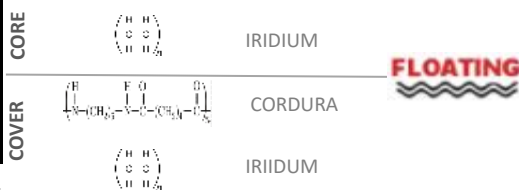
## FIBER CHARACTERISTICS

The fiber's components of this product are : **IRIDIUM, CORDURA**

- **Iridium** it's an ultra high molecular weight polyethylene .
- **Cordura** it' s a high-tenacity woven nylon .



FIBER'S PROPERTY	UDM	IRIDIUM	CORDURA	POLIESTERE HT	-
<b>Tenacity</b>	<b>gr/den</b>	36,0	8,0	9,3	-
<b>Specific gravity</b>	<b>gr/cm<sup>3</sup></b>	0,974	1,14	1,38	-
<b>Elongation at break</b>	<b>%</b>	3,5	20	14,6	-
<b>Tensile modulus</b>	<b>gr/den</b>	1.314	120	120	-
<b>Melting point</b>	<b>°C</b>	147	220	256	-



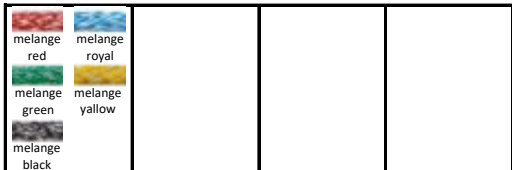
## BRAID CHARACTERISTICS

CORE		COVER ( it's a media of the of all fiber's components )	
<b>Tenacity</b>	36,0 gr/den	<b>Abrasion resistance</b>	23,9 gr/den
<b>Creep</b>	0,5 %	<b>Peack of temp.</b>	183 °C
<b>Module</b>	1.314 gr/den	<b>Grip</b>	0,12 frict. coeff.
<b>Weight</b>	0,974 gr/cm <sup>3</sup>	<b>Weight</b>	1,057 gr/cm <sup>3</sup>

DISCOUNT SYSTEM			
SHOP		WHOLESALE	
Custom lenght	sc. %	Custom lenght	sc. %
Standard lenght	sc. %	Standard lenght	sc. %
-	-	-	-

## APPLICATIONS , TECHNICAL DATA , PRICE

- Sheets & Halyards
- Control lines



∅	weight	breacking load	standard lenght	custom lenght	∅	solid colors	-	-	-
mm	gr/mt	daN	mt	mt	mm	€/mt	-	-	-
4	14,7	690	200	on request (min. 20 mt )	4	1,764 €	-	-	-
5	24,3	1.037	200	on request (min. 20 mt )	5	2,734 €	-	-	-
6	29,0	1.380	200	on request (min. 20 mt )	6	3,263 €	-	-	-
7	37,0	1.730	200	on request (min. 20 mt )	7	3,700 €	-	-	-
8	48,0	2.450	200	on request (min. 20 mt )	8	4,800 €	-	-	-
9	60,2	2.760	200	on request (min. 20 mt )	9	6,020 €	-	-	-
10	72,0	3.800	200	on request (min. 20 mt )	10	7,200 €	-	-	-
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Stretch at 30% of breacking load....2,65%  
 Stretch at breacking load.....3,60%

\* Linear breaking load in according to DIN EN ISO 2307