



PRODUCT CLASS

Type A

IRIDIUM STD-PU

COVER (Cordura / Polyester)

**IRIDIUM
STD PU
(CRD - PET)**

CORE : IRIDIUM +
PU resin treatment on request

COVER : **Tech mix** Cordura - Polyester

CORE : IRIDIUM
(PU RESIN TREATMENT)



COVER TECH MIX : CORDURA / POLYESTER



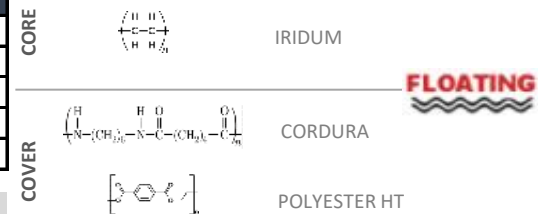
FIBER CHARACTERISTICS

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

- **Cordura** it's a high-tenacity woven nylon .
- **Iridium** it's an ultra high molecular weight polyethylene .
- **Poliestere** it's polymers produced by mixing ethylene glycol and terephthalic acid.



FIBER'S PROPERTY	UDM	IRIDIUM	CORDURA	POLYESTER HT	-
Tenacity	gr/den	36,0	9,0	9,3	-
Specific gravity	gr/cm ³	0,974	1,14	1,38	-
Elongation at break	%	3,5	23	14,6	-
Tensile modulus	gr/den	1.314	100	120	-
Melting point	°C	147	266	256	-



BRAID CHARACTERISTICS

CORE		COVER (it's a media of the of all fiber's components)	
Tenacity	36,0 gr/den	Abrasion resistance	9,2 gr/den
Creep	0,5 %	Peack of temp.	261 °C
Module	1.314 gr/den	Grip	0,14 frict. coeff.
Weight	0,974 gr/cm ³	Weight	1,26 gr/cm ³

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	∅	melange colors	-	-	-
mm	gr/mt	daN	mt	mt	mm	€/mt	-	-	-
-	-	-	-	-	-	-	-	-	-
2	4,3	175	200	on request (min. 20 mt)	2	0,398 €	-	-	-
2,5	5,6	260	200	on request (min. 20 mt)	2,5	0,461 €	-	-	-
3	6,8	345	200	on request (min. 20 mt)	3	0,559 €	-	-	-
3,5	9,3	520	200	on request (min. 20 mt)	3,5	0,761 €	-	-	-
4	12,1	690	200	on request (min. 20 mt)	4	0,933 €	-	-	-
5	18,8	1.037	200	on request (min. 20 mt)	5	1,450 €	-	-	-
6	25,7	1.380	200	on request (min. 20 mt)	6	1,985 €	-	-	-
7	37,5	1.730	200	on request (min. 20 mt)	7	2,800 €	-	-	-
8	45,5	2.450	200	on request (min. 20 mt)	8	3,397 €	-	-	-
9	58,5	2.760	200	on request (min. 20 mt)	9	4,368 €	-	-	-
10	68,2	3.800	200	on request (min. 20 mt)	10	5,092 €	-	-	-
12	98,0	5.870	200	on request (min. 20 mt)	12	7,318 €	-	-	-
14	133,0	7.260	100	on request (min. 20 mt)	14	9,310 €	-	-	-
16	167,0	9.330	100	on request (min. 20 mt)	16	11,690 €	-	-	-
18	183,0	11.405	100	on request (min. 20 mt)	18	12,810 €	-	-	-
20	240,0	12.400	100	on request (min. 20 mt)	20	16,800 €	-	-	-

Stretch at 30% of breacking load....2,65%
Stretch at breacking load.....3,60%

* Linear breaking load in according to DIN EN ISO 2307