



PRODUCT CLASS

Type A

IRIDIUM STD-PU COVER (Polyester)

**IRIDIUM_78
STD PU
(PET)**

CORE : IRIDIUM +
PU resin treatment on request

COVER : Tech mix Polyester

**CORE : IRIDIUM_78
(PU RESIN TREATMENT)**



COVER TECH MIX : POLYESTER



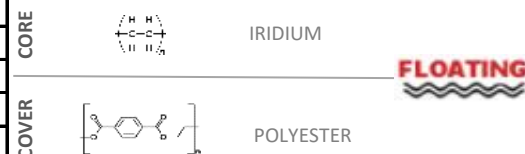
FIBER CHARACTERISTICS

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

- **Iridium** it's an ultra high molecular weight polyethylene .
- **Polyester** it's polymers produced by mixing ethylene glycol and terephthalic acid.



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



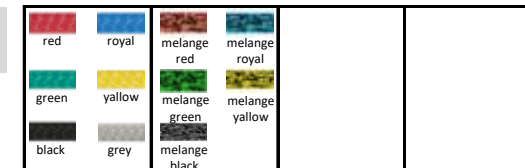
BRAID CHARACTERISTICS

CORE		COVER (it's a media of the of all fiber's components)	
Tenacity	36,0 gr/den	Abrasion resistance	9,3 gr/den
Creep	0,5 %	Peack of temp.	256 °C
Module	1.314 gr/den	Grip	0,10 frict. coeff.
Weight	0,974 gr/cm ³	Weight	1,38 gr/cm ³

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

APPLICATIONS , TECHNICAL DATA , PRICE

- Sheets & Halyards
- Control lines



∅	weight	breaking load	standard lenght	custom lenght	∅	solid colors	melange colors		
mm	gr/mt	daN	mt	mt	mm	€/mt	€/mt		
-	-	-	-	-	-	-	-	-	-
2	4,1	175	200	on request (min. 20 mt)	2	0,328 €	-	-	-
2,5	5,5	260	200	on request (min. 20 mt)	2,5	0,383 €	-	-	-
3	7,7	345	200	on request (min. 20 mt)	3	0,735 €	-	-	-
3,5	9,0	520	200	on request (min. 20 mt)	3,5	0,857 €	-	-	-
4	11,9	690	200	on request (min. 20 mt)	4	0,784 €	-	-	-
5	18,1	1.037	200	on request (min. 20 mt)	5	1,199 €	-	-	-
6	25,8	1.380	200	on request (min. 20 mt)	6	1,705 €	-	-	-
7	35,2	1.730	200	on request (min. 20 mt)	7	2,216 €	-	-	-
8	47,5	2.450	200	on request (min. 20 mt)	8	2,994 €	-	-	-
9	57,2	2.760	200	on request (min. 20 mt)	9	3,606 €	-	-	-
10	68,3	3.800	200	on request (min. 20 mt)	10	4,303 €	-	-	-
12	97,1	5.870	200	on request (min. 20 mt)	12	6,118 €	-	-	-
14	128,0	7.260	100	on request (min. 20 mt)	14	7,679 €	-	-	-
16	163,2	9.330	100	on request (min. 20 mt)	16	9,790 €	-	-	-
18	178,4	11.405	100	on request (min. 20 mt)	18	10,702 €	-	-	-
20	234,2	12.400	100	on request (min. 20 mt)	20	14,053 €	-	-	-

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

* Linear breaking load in according to DIN EN ISO 2307