



PRODUCT CLASS

Type A

IRIDIUM STD-PU
COVER (B. Technora / Polyester)

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

CORE : IRIDIUM +
PU resin treatment on request

COVER : Tech mix Black technora - Polyester

CORE : IRIDIUM
(PU RESIN TREATMENT)



COVER TECH MIX : B. TECHNORA / POLYESTER



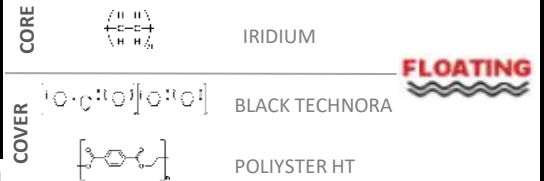
FIBER CHARACTERISTICS

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

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



FIBER'S PROPERTY	UDM	IRIIDUM	BLACK TECHNORA	POLYESTER HT	-
Tenacity	gr/den	36,0	28,0	9,3	-
Specific gravity	gr/cm ³	0,974	1,39	1,38	-
Elongation at break	%	3,5	4,5	14,6	-
Tensile modulus	gr/den	1.314	590	120	-
Melting point	°C	147	500	256	-



BRAID CHARACTERISTICS

CORE		COVER (it's a media of the of all fiber's components)		
Tenacity	36,0 gr/den	Abrasion resistance	18,65	gr/den
Creep	0,5 %	Peack of temp.	378	°C
Module	1.314 gr/den	Grip	0,12	frict. coeff.
Weight	0,974 gr/cm ³	Weight	1,41	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
- Braces
- Runners

∅	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	0,645 €	-	-	-
2,5	5,7	260	200	on request (min. 20 mt)	2,5	0,855 €	-	-	-
3	7,1	345	200	on request (min. 20 mt)	3	1,029 €	-	-	-
3,5	9,3	520	200	on request (min. 20 mt)	3,5	1,348 €	-	-	-
4	12,5	690	200	on request (min. 20 mt)	4	1,781 €	-	-	-
5	19,8	1.037	200	on request (min. 20 mt)	5	2,722 €	-	-	-
6	27,0	1.380	200	on request (min. 20 mt)	6	3,712 €	-	-	-
7	37,5	1.730	200	on request (min. 20 mt)	7	4,969 €	-	-	-
8	50,0	2.450	200	on request (min. 20 mt)	8	6,625 €	-	-	-
9	59,3	2.760	200	on request (min. 20 mt)	9	7,857 €	-	-	-
10	71,0	3.800	200	on request (min. 20 mt)	10	9,408 €	-	-	-
12	101,0	5.870	200	on request (min. 20 mt)	12	13,383 €	-	-	-
14	139,0	7.260	100	on request (min. 20 mt)	14	17,375 €	-	-	-
16	171,0	9.330	100	on request (min. 20 mt)	16	21,375 €	-	-	-
18	189,0	11.405	100	on request (min. 20 mt)	18	23,625 €	-	-	-
20	247,0	12.400	100	on request (min. 20 mt)	20	30,875 €	-	-	-

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

* Linear breaking load in according to DIN EN ISO 2307