

**PRODUCT CLASS**

**Type A**



**IRIDIUM XTR-PU**

**COVER ( B. Technora / Iridium / Polyester )**

**IRIDIUM XTR-PU ( BTEC-DYN-PET )**

- CORE :** Iridium pre-stretch + poliurethane resin treatment
- COVER :** Tech mix Black Technora - Iridium Polyester

**CORE : IRIDIUM**

( PRE-STRETCH HPT + PU RESIN TREATMENT )



**COVER TECH MIX : B. TECHNORA / IRIDIUM / POLYESTER**



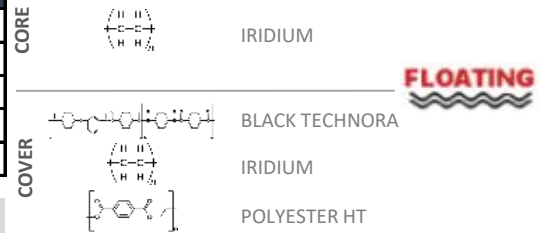
**FIBER CHARACTERISTICS**

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

- **Black technora** is an aromatic copolyamide
- **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	BLACK TECHNORA	POLYESTER HT	-
Tenacity	gr/den	36	28,0	9,3	-
Specific gravity	gr/cm <sup>3</sup>	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	-



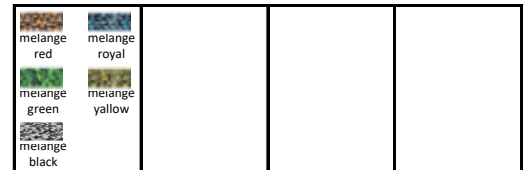
**BRAID CHARACTERISTICS**

CORE		COVER ( it's a media of the of all fiber's components )	
Tenacity	36 gr/den	Abrasion resistance	25,7 gr/den
Creep	0,5 %	Peack of temp.	301 °C
Module	1.314 gr/den	Grip	0,10 frict. coeff.
Weight	0,974 gr/cm <sup>3</sup>	Weight	1,26 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**

- High load halyard work on clutch & jammer ★★★★★
- Control line work on winch ★★★★★
- strenght / diameter ratio ★★★★★



∅	weight	breacking load	standard lenght	custom lenght	∅	melange colors	-	-	-
mm	gr/mt	daN	mt	mt	mm	€/mt	-	-	-
1	-	-	-	-	1	-	-	-	-
1,5	-	-	-	-	1,5	-	-	-	-
2	4,6	189	200	on request (min. 20 mt)	2	0,773 €	-	-	-
2,5	5,6	297	200	on request (min. 20 mt)	2,5	0,941 €	-	-	-
3	7,4	405	200	on request (min. 20 mt)	3	1,717 €	-	-	-
3,5	9,1	675	200	on request (min. 20 mt)	3,5	1,955 €	-	-	-
4	12,1	945	200	on request (min. 20 mt)	4	2,420 €	-	-	-
5	18,6	1.215	200	on request (min. 20 mt)	5	2,827 €	-	-	-
6	25,6	2.070	200	on request (min. 20 mt)	6	3,891 €	-	-	-
7	37,5	2.700	200	on request (min. 20 mt)	7	5,700 €	-	-	-
8	49,0	3.510	200	on request (min. 20 mt)	8	7,448 €	-	-	-
9	59,2	4.230	200	on request (min. 20 mt)	9	8,288 €	-	-	-
10	69,9	5.859	200	on request (min. 20 mt)	10	9,786 €	-	-	-
12	99,5	8.487	200	on request (min. 20 mt)	12	13,930 €	-	-	-
14	133,7	10.872	100	on request (min. 20 mt)	14	17,648 €	-	-	-
16	177,4	14.400	100	on request (min. 20 mt)	16	23,417 €	-	-	-
18	208,8	18.810	100	on request (min. 20 mt)	18	27,562 €	-	-	-
20	261,1	19.800	100	on request (min. 20 mt)	20	34,465 €	-	-	-

Stretch at 30% of breacking load.....2,15%  
Stretch at breacking load.....3,50%

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