



## PRODUCT NAME

**AB02 COMPACT** : Double cover in PET HT with PET air spun core

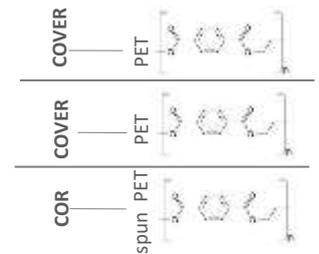
## FIBER CHARACTERISTIC

The fiber's components of this product are : **PET Air Spun** e **PET HT**

- **PET HT** it's produced with a melt spun. There are 3 processes utilized in the production of PET fiber : polymerization, melt-spinning, and hot stretching the fibers for obtain the maximum performance .
- **PET Air Spun** it's the same production process of PET HT , but at the end of process there is an additional threatment with air pressure for volumize fibers



FIBER'S PROPERTY	UDM	CORE	COVER 1	COVER 2
		air spun PET	PET HT	PET HT
Breaking tenacity	g/d	8,5	8,5	8,5
Specific gravity	ratio	1,38	1,38	1,38
Elongation at break	%	20	20	20
Tensile modulus	g/d	120	120	120
Melt point	°C	256	256	256



## BRAID CHARACTERISTIC

It's an high quality moultipurpose line . It can be use for mooring or anchoring . For the particular construction is not possible splice .

AB01 LIGHT TECH	DIAMETER	LENGHT	BREACKING LOAD	LINE MODULO	TENACITY	FRICITION COEFFICENT
	mm	mt	daN	cN/dTex	cN/dTex	
CORE PET Air Spun	4	200	480	120	8,5	0,10
	5	200	570	120	8,5	0,10
	6	200	880	120	8,5	0,10
COVER 1 PET High Tenacity	8	200	1.400	120	8,5	0,10
	10	200	1.600	120	8,5	0,10
COVER 2 PET High Tenacity	12	200	2.500	120	8,5	0,10
	14	100	3.800	120	8,5	0,10
APPLICATIONS multiuse line	16	100	5.500	120	8,5	0,10
	18	100	6.800	120	8,5	0,10
	20	100	8.300	120	8,5	0,10

## COLOR'S RANGE

### Solid color



### Marked color



The breaking load represents the nominal tenacity of the braid, calculated on the sum of the resistance of the fibers that compose it .

Breaking load it's tested on a new braid, in laboratory , with controlled conditions of temperature, pressure and humidity.

Durring the use of product natural elements and many other factors can affect the mechanical properties; therefore we suggest a working load of 1:5 comparing to the breaking load , or , an higher ratio, in the case the product it's subjected to dynamic loads or high stress.

The product should be used properly spliced at both ends, in order to express maximum characteristics; knots or other different solutions can lead a significant loss of load .

For proper use of our items also recommend the following : periodically check the status of the rope, avoid contact with chemicals elements , clean it periodically to remove salt residue or dirt and let it dry away from direct heat.

All the articles of our programm are dedicate to nautical use , recreational and sportsandand are not for lift use .