E. BOURGEOIS

CETAVER ® MIXED CORD

H 3

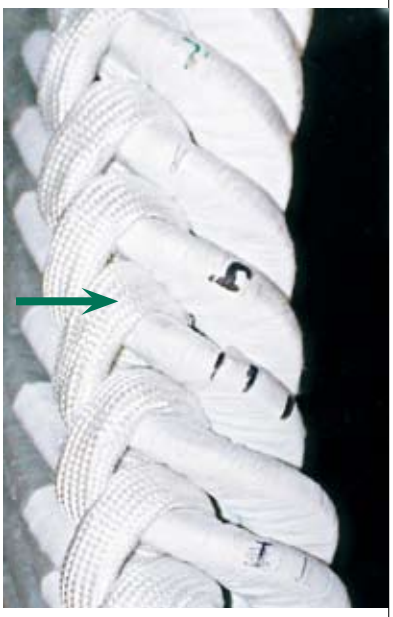
1 - CONSTRUCTION

- Made of : - Braid = Continuous glass yarn (SILIONNE).
- Core = Discontinuous glass yarn (VERRANNE).

1.1 - UNBLEACHED (Textile ensimage). This is the quality standard.

1.2 - HEAT DESENSIMAGED “white hot” Ref: GDT 31.

Almost complete evacuation of textile ensimage. The fire loss is from 0.10 to 0.12 %. The test is made at 600 °C for 1 hour for then impregnation.



1.3 - PRE-PREG CORDS

On request, we can make a stage B impregnation of a class F resin. The cord is first heat stabilized to impregnation.

- The % of resin is ≥ 60% of the cord’s weight.
- They are presented cut at length and packed in a waterproof aluminised bag and must be stored in a cold room (lifetime 6 months).

1.3.1 Heat-setting

The heat-setting temperature in general is the same on site or in workshop. In workshop the machine is put in an oven and on site it is put under the tarpaulin with one or two heat blowers.

The heat-setting time depends on each user but in general it takes 12 h for the temperature to increase (10°C / hour) and it takes 12 h at 130°C for the heat-setting.

2 - CHARACTERISTICS

CORDS SAID “ SOFT “

DIAMETER mm	REFERENCE	WEIGHT g/m	WIDTH mm	COMPRES-SIBILITY 40 to 55 %	WHEN RELIEVED ≥ 80 %
05	SV 311	018	08	50	91
06	SV 411	022	11	45	88
07	SV 321	030	13	48	83
09	SV 331	042	16	42	90
11	SV 341	056	18	43	94
13	SV 361	074	25	42	89
16	SV 371	106	28	43	97
18	SV 421	125	30	47	85
20	SV 351	149	35	41	91
25	SV 381	220	40	43	83
30	SV 431	275	50	41	88
40	SV 391	345	60	41	87

CORDS SAID “ HARD “

DIAMETER mm	REFERENCE	WEIGHT g/m	WIDTH mm	COMPRES-SIBILITY 40 to 55 %	
05	SV 310	018	07	41	
06	SV 410	022	09	34	
07	SV 320	030	10	38	
09	SV 330	042	11	40	
11	SV 340	056	13	36	
13	SV 360	074	16	31	
16	SV 370	106	20	32	
18	SV 420	125	22	38	
20	SV 350	149	26	35	
25	SV 380	220	30	40	
30	SV 430	275	40	38	
40	SV 390	345	50	36	

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2 - CHARACTERISTICS

SUITE

2.1- COMPRESSIBILTY

Take a test tube of 210 mm long.
Measure the diameter of the test tube, say M1.
Put the test tube in the center of a plate of 180 x 180 mm.
Make a pression of 540 N with a dynamometer equiped with a counterplate of 180 x 180 mm.
Measure the distance between the center of the plate and the 4 sides one minute after flattening.
Calculate the average measures say M2.

CALCULATION : C % = (M2 x 100) / M1

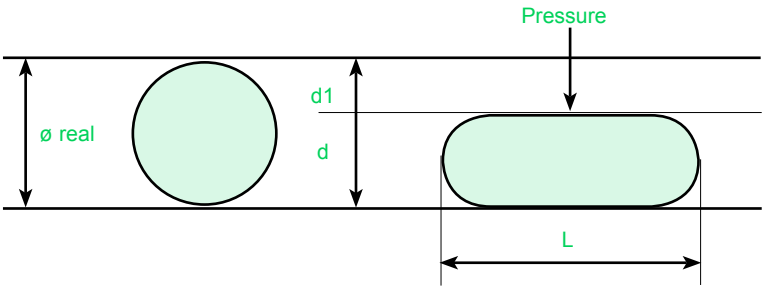
2.2- REMAINING THICKNESS when relieved

Stop flattening and wait for one minute.
Measure the diameter of the test tube say M3.

CALCULATION : R % = (M3 x 100) / M1

2.3- WIDTH

Take a test tube of 210 mm long.
Put the test tube on a plate of 180 x 180 mm.
Make a pression to obtain d1 = at 40 % of the real diameter.
Measure the section' s width of the test tube say L.



2.4- REAL DIAMETER MEASURING

Cut a 10 mm wide band of paper.
Roll the band aroud the cord.
Measure the developped length.
Divided by 3,14.

HEAT RESISTANCE : 450 to 500°C

3- CONTROL

- All our cords are controlled by a metal part detector.
- This control is made during measuring.
- The detector can detect a sphere of a diameter of 0,9 mm in the center of the detection window and a sphere of a diameter of 0,2 mm on the edge of the detection window.

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4 - APPLICATIONS

- ELECTROTECHNICAL INDUSTRY.
  Mainly as stuffing and filling of sections and parts with impregnation by the user.

5 - PRESENTATION

-The cords are conditioned on cardboard jaws bobbins .
-Can be braided with a yellow.tracer.

DIMENSION	TYPE C1	TYPE C2	TYPE C3
- JAWS DIAMETER	220	300	580
- CENTRAL TUBE DIAMETER	60	60	120
- LENGTH BETWEEN JAWS	200	200	220
in mm			

DIAMETER mm	REFERENCE	TYPE of BOBbIN	LEGNGTH per BOBBIN
5	SV 311	C 2	500 M
6	SV 411	C 2	300 M
7	SV 321	C 2	250 M
9	SV 331	C 2	150 M
11	SV 341	C 2	100 M
13	SV 361	C 3	300 M
16	SV 371	C 3	200 M
18	SV 421	C 3	150 M
20	SV 351	C 3	130 M
25	SV 381	C 3	080 M
30	SV 431	C 3	070 M
40	SV 391	C 3	040 M
5	SV 310	C 2	500 M
6	SV 410	C 2	300 M
7	SV 320	C 2	250 M
9	SV 330	C 2	150 M
11	SV 340	C 2	100 M
13	SV 360	C 3	300 M
16	SV 370	C 3	200 M
18	SV 420	C 3	150 M
20	SV 350	C 2	200 M
25	SV 380	C 3	080 M
30	SV 430	C 3	070 M
40	SV 390	C 3	040 M

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