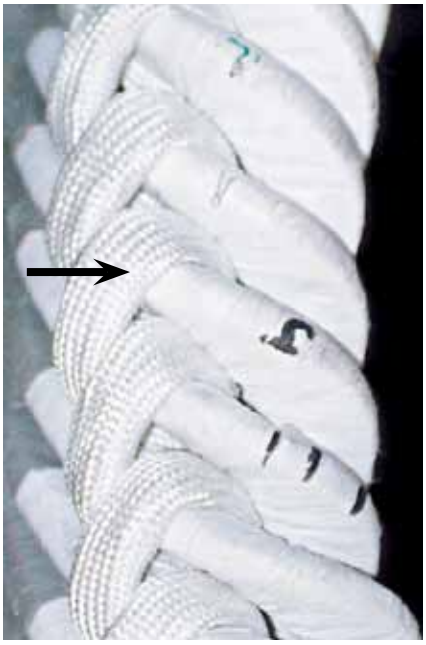
TERYL - CETAVER ® MIXED CORD

H 5

1 - CONSTRUCTION



- Made of :
- BRAID = Continuous Polyester yarn.
- CORE = Discontinuous Glass yarn (Verranne).

We realised a mixed cord with an outer braid in polyester to decrease the itching problems caused by glass.

- TO BE IMPREGNATED BY THE USERS.
- Can be heat stabilized on request (1 hour at 180 °C) .
- The letter T is added to the reference . This stabilization is recommended for diameters up to 16 mm. It eliminates a part of the textile ensimage.

PRE-PREG

On request, we can make a stage B impregnation with a class F resin.
- They are heat stabilized prior to impregnation.
- The % of resin is ≥ 50% for diameters < 10 mm and ≥ 60% for diamaters ≥ 10 mm of the weight of the cord.
- They are presented cut at length and packed in a waterproof aluminised bag and must be stored in a cool place (life time 6 months).

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

DIAMETER mm	REFERENCE	WEIGHT g/m			COMPRES-SIBILITY 0 to 55%	WHEN RELIEVED ≥ 80%
		BRAID	CORE	TOTAL		
5	TV 01	7	7	14	50	93
7	TV 02	9	13	22	49	89
9	TV 03	11	22	33	50	93
11	TV 04	13	30	43	49	90
13	TV 05	17	48	65	50	92
16	TV 06	18	66	84	45	93
18	TV 07	24	86	110	50	89
20	TV 08	26	106	132	48	88
25	TV 10	34	149	183	48	92
30	TV 11	40	241	281	50	92
35	TV 12	25	310	335	49	93
40	TV 13	42	380	422	53	88
45	TV 14	46	447	493	51	86
50	TV 15	65	465	530	52	92
60	TV 17	97	603	700	46	93
HEAT RESISTANCE : CLASS F = 155 °C						

3 - TOLERANCES

Tolerances : (≤ 9 mm ±1) (> 9 mm ≤ 20 mm ±2) (> 20 ≤ 40mm ±3)

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- COMPRESSIBILITY

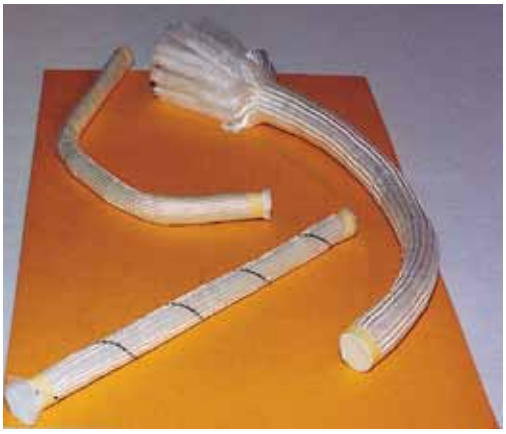
- Take a test tube of 210 mm long.
- Measure the diameter of the test tube,so be it M1.
Put the test tube in the center of a plate of 180 x 180mm and make a pression of 540 N with a dynamometer equiped with a counterplate of 180 x 180mm.
- Measure the distance between the center of the plate and the 4 sides of the plate, one minute after flattening.
- Calculate the average measures so be it M2.
CALCULATION: C% = (M2 x 100) / M1

- REMAINING THICKNESS when relieved

- Stop flattening and wait for one minute.
- Measure the diameter of the test tube so be it M3.
CALCULATION: R% = (M3 x 100) / M1

4 - CONTROL

- All our cords are controlled with a metal part detector.
- This control is made during the process of measuring.
- This machine can detect a sphere of a diameter of 0.9 mm in the center of the detection window and a sphere of 0.2 mm on the edge of the detection window.



5 - APPLICATIONS

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

6 - PRESENTATION

- The cords are conditionned on CARDBOARD JAWS BOBBINS .
- Can be braided with a black line 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			

DIAMETRER mm	REFERENCE	TYPE of BOBBIN	LENGTH per BOBBIN
5	TV 01	C 1	200 M
7	TV 02	C 2	200 M
9	TV 03	C 2	150 M
11	TV 04	C 2	100 M
13	TV 05	C 2	70 M
16	TV 06	C 3	200 M
18	TV 07	C 3	180 M
20	TV 08	C 3	125 M
25	TV 10	C 3	100 M
30	TV 11	C 3	50 M
35	TV 12	C 3	50 M
40	TV 13	C 3	40 M
45	TV 14	C 3	35 M
50	TV 15	C 3	25 M
60	TV 17	C 3	20 M

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