

TECHNICAL DATA OF POLYESTER INSULATING TAPES

EN 10 204 2.2

Article no.		117 811
Thickness	/mm/	0,15 ± 0,02
Weight	/g.m ⁻² /or/g.cm ⁻¹ .100m/	110 ± 11
Width	/mm/	10,15,20,25
		30,40
Breaking strength	/N.mm ⁻¹ /	20 ± 4
Polyester yarn portion	/%/	100
Binding		plain
Warp setting	/threads.cm ⁻¹ /	33 ± 3
Weft setting	/threads.cm ⁻¹ /	15 ± 1
Material in warp	/dtex/	78 x 2
Material in centre thread	/dtex/	110
Material in weft	/dtex/	78 x 2
Material in catch thread	/dtex/	78
Colour of centre thread		yellow
Number of centre thread		1
Shrinkage in hot air (1 hour, 120° C)	/%, min./	8

AC series - Acrylic resin fiberglass sleeving

AC series are fiberglass braided sleeving coated with acrylic resin. This items belongs to the F class (155°C). The main characteristics are: very good conformability, good heat and excellent abrasion resistance.

Thermal properties:

Thermal Class: F 155°C
Usage temp.: -30°C +155°C
Short time peaks: +180°C

Packaging:

From 0,5 mm. up to 4 mm.
200 meters rolls

from 5 mm. up to 16 mm.
100 meters rolls

Colour:

Shining yellow is the standard colour. Other colours on request.

Size:

AC 2		
Inside Diameter	Tolerance mm	Wall thickness
0,5	+ 0,3 - 0	0,37 ±0,13
1		0,42 ±0,13
1,5		0,42 ±0,13
2		0,42 ±0,13
2,5		0,42 ±0,13
3		0,45 ±0,13
3,5		0,45 ±0,13
4		0,45 ±0,13
5		0,52 ±0,13
6		0,52 ±0,13
7		0,52 ±0,13
8		0,52 ±0,13
9		0,62 ±0,13
10		0,62 ±0,13
12		0,62 ±0,13
14		0,62 ±0,13
16	0,72 ±0,13	

Breakdown Voltage:

Minimum

- AC2: 3000 Volt

Main property:

Property	Results
After heating	No cracking or detachment of the varnish film. It maintains its flexibility after several hours at 200°C.
Chemical	Compatible with most insulating varnishes.

Applications:

- Motor and transformers connections
- Cable protection
- General electrical usage

It must be stored in a dry place, inside plastic bags, away from direct sunlight, weathering, chemical materials, direct heat sources or fire. Storage time is 12 months.



The values given above are believed to be accurate and given as a matter of information only. As usage conditions are beyond our control we suggest the customer to confirm values and product compatibility prior to its use. We don't guarantee nor accept any responsibility for any particular usage.