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DATE: 1.Oct.93	NOMEX FELT ELECTRO FELT CLASS "H"	Codice TFN20
Pag: 1 / 1		Scheda 04.8.4 tecnica
Updated 1 Nov '07		Gruppo A

DESCRIPTION

By needling assembled thermostable fibers. They are aromatic polyamid fibers (Nomex).

USE

The same ones as those of our felts of polyester fiber
(S.T. 04.8.2)

Blocking, fillers taping, ... etc.

Good varnish and resin impregnation.

CHARACTERISTICS

Fiber

Fiber self-extinguishable and combustion retarding.

Composed of polymetaphenyleneisophthalamid.

Shrinkage at dry heat at 300°C for 15 min = 4 to 6 %.

Shrinkage between room temperature and 250°C=0,9%

Can be continuously exposed to 260°C as keeps 65%
of its resistance after 1000 H in the air at 260°C.

Breaks up at 400-430°C – doesn't melt but carbonizes.



Felt

REFERENCE		Unit	TFN20
Average weight (1)		m ² ± 10%	200
Thickness (2)		mm	2,5 / 2,7
Tensile strength (3)	L C	In daN fon 5 cm	≥ 35 ≥ 70
Average breaking at elongation	L C	% %	≤ 89 ≤ 74
Heat stability 30 mn @ 155°C (shrinkage)	L C	% %	≤ 0,5 ≤ 0,5
Elongation under load of 10 daN	L C	% %	≤ 51 ≤ 38

- (1) The given figures of weight/m² are theoretic average values.
- (2) Thickness: are measured on 8 superposed layers with a micrometer having a plate of Ø 30 mm and under a constant pressure of 1 Kg, or 425 g/cm². The indicated thickness is an average thickness.
- (3) Resistances are drawn on samples of 5 x 20 cm, the width being seized in 5 cm jaws.
L – Length direction C – Cross direction of the felt.

AVAILABILITY

Rolls of 1000 mm width x m 25-50 and 100.

Tapes of 10-15-20-30-40 and 50 mm x 20 m.(other widths on request)

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