



CARTIERA di NEBBIUNO



1870

**PRODUCTION AND TRADE OF CREPE PAPER**



**TODAY**



# EXPERIENCE AND TECHNOLOGY

## SINCE 1870 AN INTERNATIONAL SUCCESS

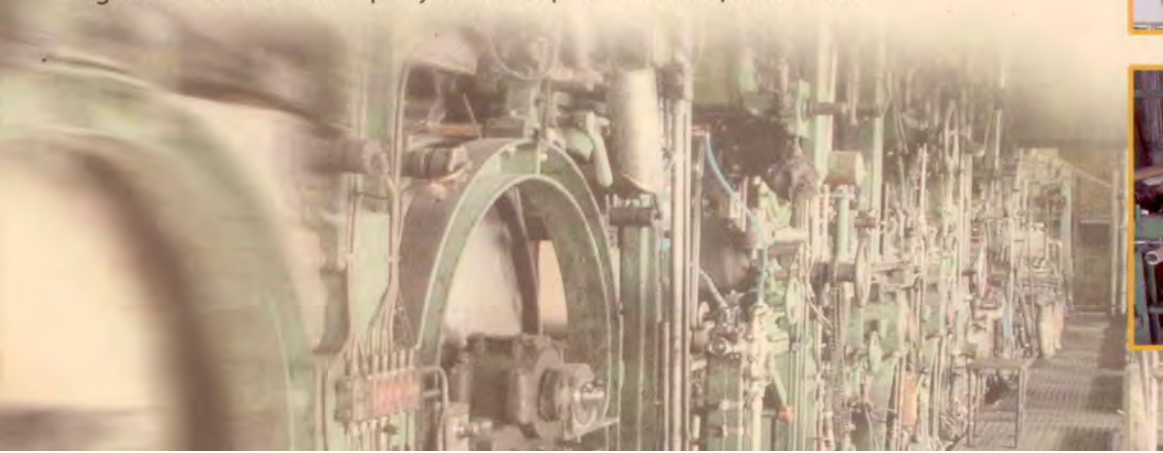
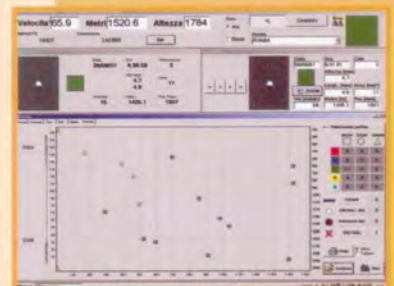
The paper mill "Cartiera di Nebbiuno" was born in the remote 1870 for the manufacture of straw paper. In 1930, Mr. Angelo Donati, the founder of the company, started the manufacture of crepe paper which gradually made a name for itself as leader in this sector in the seventies. The company has now been taken over by the two sons Luigi and Bernardo, with the cooperations of the 2 sons Filippo and Fabio. It operates in an area of about 8.000 sqm, with a working staff of 30.

**The production is a primary crepe**, done directly on the machine. **The trim is of 160-175 cm**, according to the kind of production. Through so many years of accumulated experience, we have been able to obtain various products, with **elongations reaching 180%, weighing 35 to 350 gr**. The production machines have been made in such a way so as not to stretch crepe papers. The water used for production, taken directly from our own springs, has hardly any salt, which allows the manufacture of paper used for electrical purposes without any kind of technical treatment. Paper is manufactured in different thickness using special presses. The production technologies allow:

- the coil cut in **bands from 18 mm, with diameters up to 95 cm and internal diameters of 20 - 30 - 50 - 60 - 70 - 76 - 155 - 200 mm, or any desired;**
- the coil cut in sheets up to 200 cm and in strips;
- the sheet drilling.

Sixty percent of production is going to export markets. The principal are: Germany, Holland, Denmark, France, Spain, Turkey, India, Arabia, Iran and Est Country.

The Cartiera di Nebbiuno has re-newed its technology, allowing the use of certain paper instead of the ones more polluted. Research on the various product applications, on technologies and equipment, allows us to follow the market development and the customer's needs. Machines more and more sophisticated, allow controls and a quality unthinkable some years ago and laces our company at the top of the european sector.





# ELECTROMECHANICS

## INSULATING AND SEMICONDUCTIVE CREPE PAPERS FOR INSULATION AND FOR TRANSFORMERS



For strap covering and connection insulation  
in the transformers, copper wires insulated,  
instrument transformers, bushings.  
(ISO080 - ISO100 - ISO131 - ISO160 - ISO140)

In measurement,  
current and voltage  
transformers  
(SEM131 - SEM170)

	u.m.	ISO080	ISO100	ISO131	ISO160	ISO140	SEM131	SEM170
Weight	gr. /m2	80	105	130	160	160	130	170
Thickness	mm.	0.26-0.32	0.27-0.33	0.30-0.36	0.33-0.39	0.40-0.44	0.30-0.36	0.46-0.55
Tens. Str. MD	N/15 mm.	> 35	> 45	> 50	> 60	>45	> 45	>55
Elong. MD	%	> 60	> 70	> 100	> 100	>160	> 60	> 65
PH		6-8	6-8	6-8	6-8	6-8	6-8	6-8
Resistance	OHM	-	-	-	-	-	< 1.000	< 1.000
Resistivity	OHM x cm	-	-	-	-	-	< 10.000	< 10.000
Cond. Acq. Extr.	mS/m.	< 8	< 8	< 8	< 8	<8	< 15	< 15
Ash cont.	%	< 1	< 1	< 1	< 1	<1	< 2	< 2
Breakdown voltage in oil	KV/cm	240	240	230	230	220	-	-
Dissip. fact. impr. 55°/115° unimpr. 55°/115°	%	0.20-0.62 0.20-0.62	0.20-0.70 0.20-0.74	0.20-0.70 0.20-0.74	0.20-0.70 0.20-0.74	0.20-0.60 0.20-0.60	-	-
Oil absorpt.	%	53	53	50	42	42	-	-

