

**B·T·S**



*Business Tobacco Supplies*

**Put us  
in Your Game Plan**

*Bologna - Italy*

# From cigarettes to...

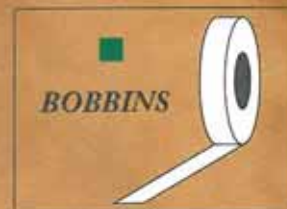
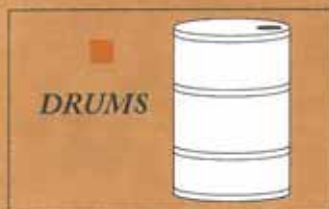
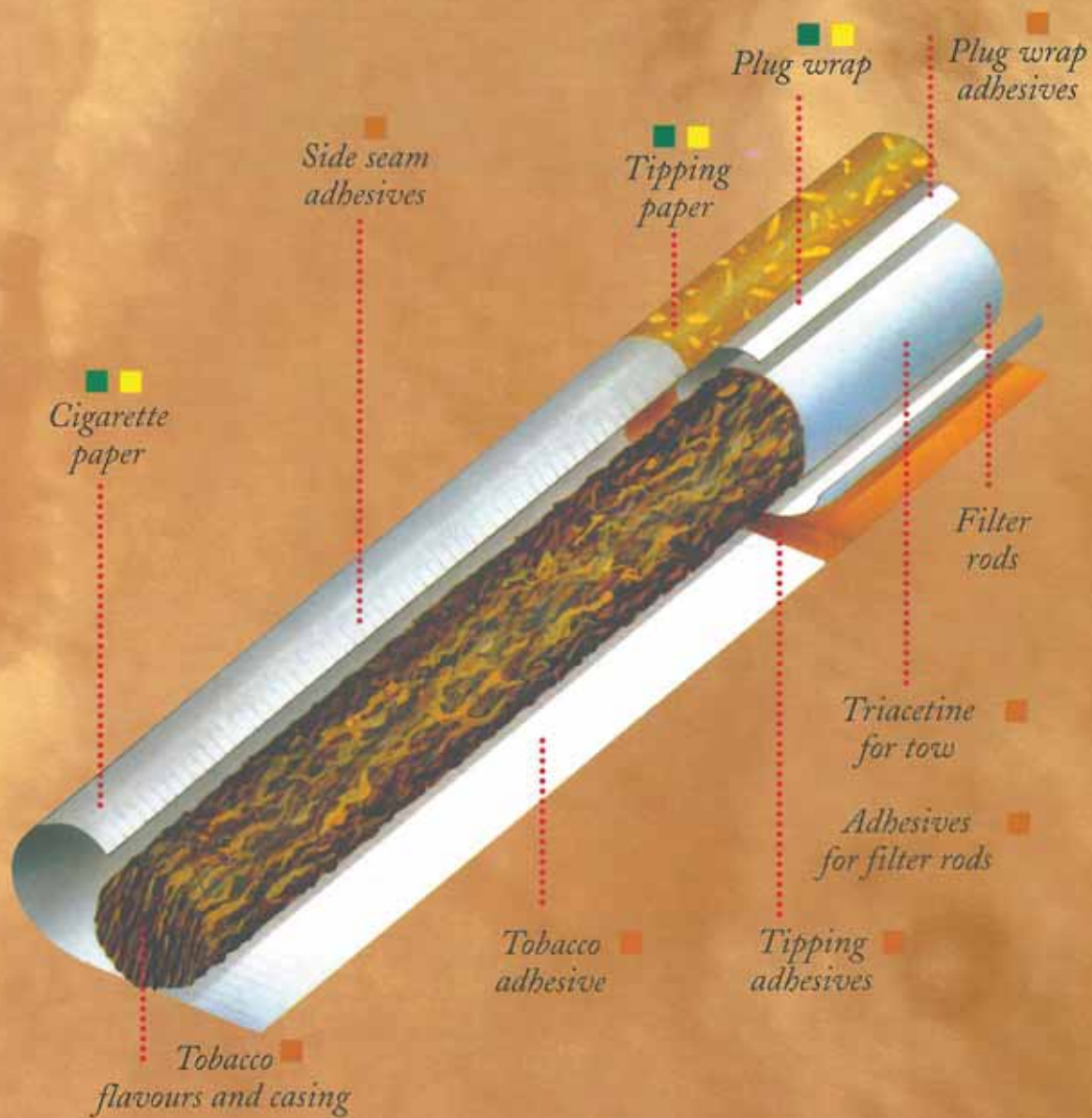
## Company profile

B T S s.r.l. is a Representative as well as an Import-Export service, Company dedicated to the tobacco industry. Established in 1986, B T S s.r.l. is managed by young people with several years of experience in supplying materials for packaging

and cigarette. A highly skilled team provides customers with sound answers to any product problems. A branch of B T S is dedicated to the supply of special equipments for the tobacco and converting industry as well as the development of innovative materials

and solutions. The commercial services are supported by a world-wide network of agents who are fully familiar with the technical realities of every market. A solid tradition of our region which is considered as "the Capital of the Packaging machiner-

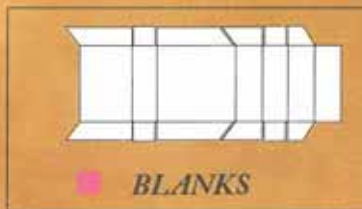
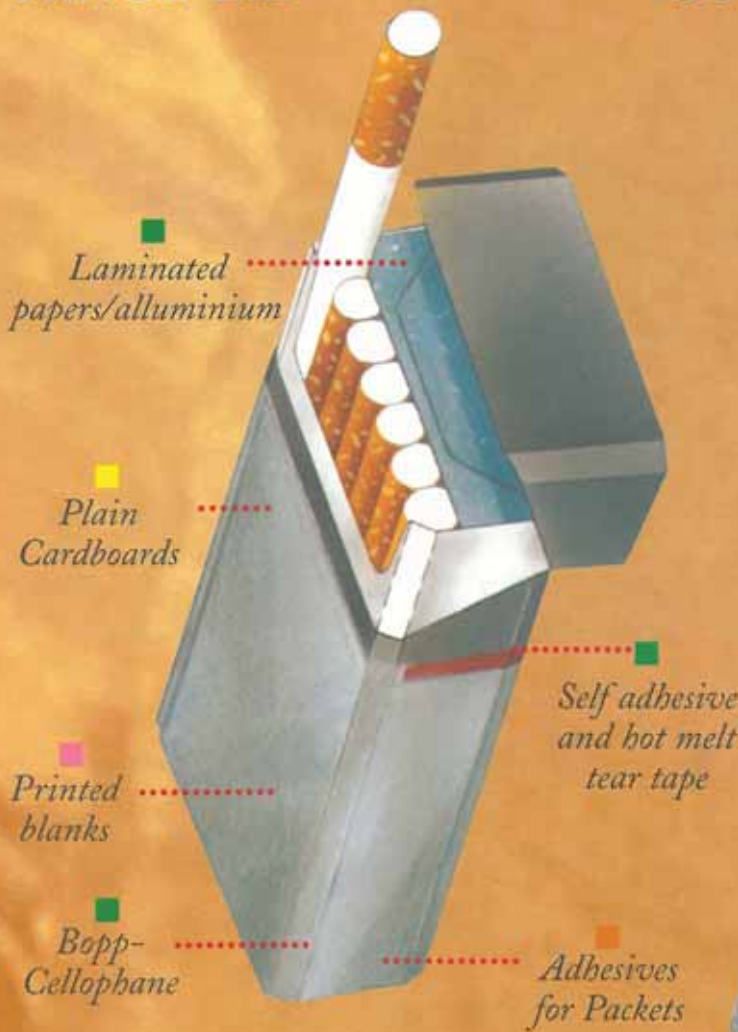
ies" and the high technological level reached, has forced the industry of materials to run close behind. B T S s.r.l. represents a trade union between these two industries bringing a "package" of information finalized to a perfect result.



# packaging

## HINGE-LID

## SOFT-PACK



## Cigarette papers and plug wrap

Our product range includes cigarette paper from 20 gsm up to 30 gsm. The composition range of our papers goes from a 100% annual pulp to 100% wood pulp. Today we supply porosities from 20 CU up to 120 CU. Our production includes both velin and vergé papers. Besides cigarette paper, we supply non porous plug wrap paper up to 25 - 27 - 30 gsm. All the production is ISO 9002 and ISO 9001 homologated. FDA and LMBGA certified. Every step of the production is programmed and regularly controlled by a computerised system in order to reach the quality requested by our clients. We deliver all over the world in standard pallets, studied to reach the highest protection and safety.

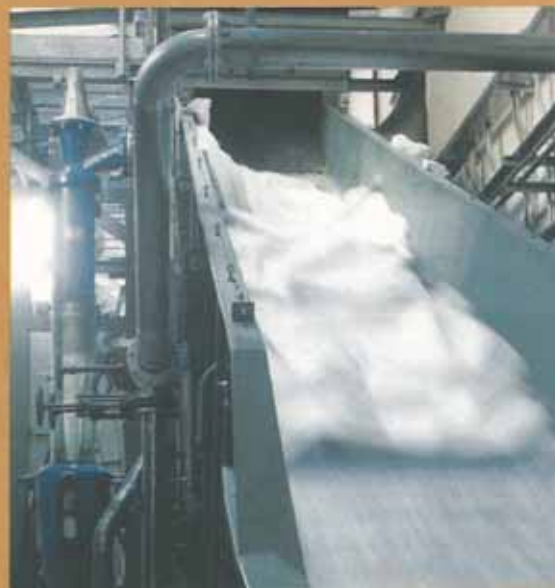
## Tipping papers

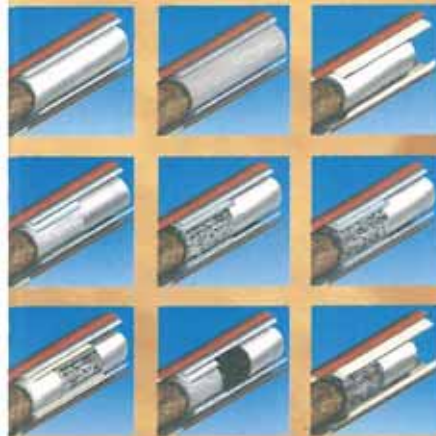
We supply tipping papers, suitable to run on various cigarette filter attachment machines, at low, medium and high speed. We can provide cork tipping with one or more lines, decorated white tippings with one or more golden lines and special customized printing up to 4 colours. Sweet tipping is included in the range of our products. Finally for customer's need of reducing tar, nicotine and carbon monoxide levels we provide tipping with micro-laser perforation, which allows a better control of ventilation levels compared to the traditional

electrostatic methods. Our products can be micro-laser perforated on line, up to four lines of perforation.

For those customers who are equipped with printing

facilities we can provide base papers, both in white or yellow colour, in jumbo rolls, or in standard bobbins





## Filter Rods

We can provide a wide range of filter rods in many different sizes and combinations. Our range includes mono acetate filters, dual filters, charcoal filters, triple filters, CPF filters, flavoured filters, coaxial filters, active patch filters, mono paper filters. Special filters can be studied, upon request, upon special customers' needs.



## Acetate Tow

Our tow is among the top, produced with a natural material: the wood. The product is constantly controlled with the most sophisticated devices, which set, control and maintain the quality standards: this means the best performances of the cigarette filters!



## Triacetine

We provide triacetine which is used especially with cellulose acetate, in combination with other plasticizers of cellulose esters, like Diethyl Phthalate Dimethylglycol Phthalate to give compounds exhibiting easy processing qualities together with good physical properties (e.g. non yellowing and resistance to petroleum derivatives).



## Flavours

In this field there are millions of combinations which can be made based on a wide range of tobacco flavouring, taste modifiers and products used for the modification of special tobacco properties. Our Company provides the best quality of flavours for this purpose. We attend tobacco blending, tobacco treatment and flavouring. All the products are in conformity with the German Tabakverordnung (TVO) and the US Food and Drug Administration (FDA), and/or FEMA/Grass list.



## Adhesives

We market industrial adhesives from a primary leading Company. Our adhesives cover a full range of applications in the tobacco industry. All our adhesives are produced according to international standards in terms of human consumption and environmental respect. We market PVA adhesives, hot melt adhesives, water dispersion adhesives and amid adhesives. Most common applications are: side seam adhesive, tipping adhesive, plug wrap adhesive, hinge-lid adhesives (box), soft cup adhesives, label adhesives and filter adhesives.



## Bopp

We are serving the tobacco industry with a wide range of both sides sealable coextruded polypropylene film. Our films range goes from 16 to 21 microns thickness, and they are particularly recommended for box overwrapping. They are designed to run efficiently on all generations of machinery, including the latest high speed overwrappers. Films are manufactured in Italy, with very modern equipment and with a continuous production cycle, totally computer controlled.



## Tear tapes

We provide a complete range of tear tapes for the tobacco industry and the food industry. Our range includes tapes of cellophane, polyester and polypropylene, and of course the latest technology of pressure sensitive self adhesive tear tape is in our production, they are available with thickness of 26 or 35 microns. We can print tapes up to 4 colours. Standard tear tape colours are red gold and clear, but we can provide up to 4 colours printing.



## Guarniture tapes

We provide premium quality guarniture tapes in Kevlar and linen and suction tapes in nylon. The tapes are available individually packed and they are suitable for the most common Makers with low, medium and high speed.

## Alufoil

Full range of Alufoils can be supplied. We can arrange print up to 5 colours and standard coupling. Metallized papers also available.



## Printed blanks and labels

Our Company provides the supplying of printed blanks and soft labels.

We print blanks on a variety of cardboards depending on customer's specific need.

Labels are usually printed on "one side coated papers" in a range between 80 and 95 gsm.

Printing is performed by a 10 colours rotogravure machine as well as off set machine.

On both sides the importance of paper/cardboard is fundamental. For this reason, the choice of the highest quality, both you print on Roto and offset is of great importance. Not all the cardboards/papers are suitable to be used on packaging machines.

The great experience developed directly in the production sites brought us to have a deep knowledge of all the involved problems.

## Tobacco pouches and flexible packaging

Our Company is specialised in the supplying of flexible packaging, including tobacco pouches.

Our line of products covers a wide range of laminating materials including BOPP, PE, PVDC lacquer, metalized films, polyester, nylon. For the tobacco industry, we produce a special material, which is metallized reverse printed PETP 12 micron/PE 80 micron white with peel stripe.

This particular product is widely used by all the cut tobacco producers for its wholesome features: flavour barrier properties, good printing results and easy handling.

We supply this material in bobbins, suitable for running with automatic filling machines, like for example Focke model 203 S.

Alternatively the material can be supplied in two sides sealed pouches, which can be filled and closed in the correspondence of the peel stripe. The printing of all the above materials is executed with a last generation 10 colours



gravure and we electronically engrave all the printing cylinders with the most modern equipment.

All our products are ISO 9000 and ISO 9002 certified.

## Industrial design

Our Company is successfully taking care of the study and the project of new cigarette brands.

We carry out our job by studying the cigarette targets on the market, we analyse the market and the potential customers. Only after this first step, we start making our proposals, beginning from a white page or restyling an old brand.

Among our most important customers we can quote Japan Tobacco, many states monopolies, some Chinese producers etc. etc.



## On line laboratory instruments

Beside materials we propose to the tobacco industry a wide range of instruments for the quality control of the cigarettes and filter rods.

The instruments are suitable for on-line applications and for use as stand alone in technical laboratories.

We work closely with the pioneers of the instruments: for on line applications we propose a smart unit which

utilises pneumatic technologies for the continuous check of the diameter and/or the circumference of cigarettes and filters.

The output RS232 can be connected with a micro computer to use the results and the statistics path of the production.

For stand alone uses we propose a full line of instruments made with the highest standards and according to the newest technologies. Test stations and modular instruments are available.



## Cartoning machines

BTS s.r.l. has deep contacts with well experienced manufacturers of cartoning machines.

In our line of products we market cartoning machines especially designed to increase the flexibility in the production processes.

Such experience led to the design of a very innovative machine for cartons (master cases) with the peculiarity of a light frame and

smart technical solutions. A sophisticated mechanical philosophy managed by the newest electronics make these machines complying with CE homologation as far as American standards.



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