



# PENTA BOX

## PENTA BOX srl

### Headquarter & Production Plant

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### Technical sheet

### Beech half-cylinder – Penta Box Prime

The Penta Box Prime beech half-cylinders used for the production of rotary dies are produced with 11 layers of beech wood veneer subjected to the treatment of vaporization.

The half-cylinder is manufactured by gluing the veneer with urea – formaldehyde used as panels for use in dry conditions (class E1 according to UNI EN 314-2). Then the production phases are:

- Pressing and bending according to the required dimensions
- Controlling in diameter size and cooling for 36 hours on dedicated racks/moulds
- Measuring and trimming
- Resting period of 24 hours
- Checking the diameter size, parallelism, semicircunfernce length before the final packaging
- Packaging
- Shipping / warehousing

This procedure is valid for both Prime with natural surface and paper covered surface

### Warnings:

The Penta Box Prime beech half-cylinders retains the most of their characteristics if properly stored and stacked in a vertical position, not in contact with the flooring. It is absolutely necessary do not expose the half-cylinder with changes in humidity, temperature and protect from sunlight.

### Safety Notes:

The Penta Box Prime beech half-cylinders made of beech wood are not defined as "substances or preparations" within the meaning of Legislative Decree 52/1997, "Implementation of Directive 92/32/EEC concerning the classification, packaging and labeling of dangerous substances", and therefore does not are subject to the MSDS

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