



## EUROPEAN LIST OF STANDARD GRADES OF RECOVERED PAPER AND BOARD EN 643

### GROUP 1 - ORDINARY GRADES

- 1.1 **Mixed paper and board, unsorted, but unusable materials removed**  
A mixture of various grades of paper and board, without restriction on short fibre content.
- 1.2 **Mixed paper and board sorted**  
A mixture of various qualities of paper and board, containing a maximum of 40% of newspaper and magazines.
- 1.3 **Grey board**  
Printed and unprinted white lined and unlined grey board or mixed board, free from corrugated material
- 1.4 **Supermarket corrugated paper and board**  
Used paper and board packaging, containing a minimum of 70% of corrugated board, the rest being solid board and wrapping papers.
- 1.5 **Old corrugated containers**  
Used boxes and sheets of corrugated board of various qualities.
- 1.6 **Unsold magazines**  
Unsold magazines with or without glue.
- 1.06.01 **Unsold magazines without glue**  
Unsold magazines without glue.
- 1.7 **Telephone books**  
New and used telephone books, with unlimited content of pages coloured in the mass, with and without glue. Shavings allowed.
- 1.8 **Mixed newspapers and magazines**  
A mixture of newspapers and magazines, containing a minimum of 50% of newspapers, with or without glue.
- 1.9 **Mixed newspapers and magazines II**  
A mixture of newspapers and magazines, containing a minimum of 60% of newspapers with or without glue.

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## 1.10 **Mixed magazines and newspapers**

A mixture of newspapers and magazines, containing a minimum of 60% of magazines with or without glue.

## 1.11 **Sorted graphic paper for deinking**

Sorted graphic paper from households, newspapers and magazines, each at a minimum of 40%. The percentage of non-deinkable paper and board should be reduced over time to a maximum level of 1,5%. The actual percentage is to be negotiated between buyer and seller.

## **GROUP 2 - MEDIUM GRADES**

### 2.01 **Newspapers**

Newspapers containing a maximum of 5% of newspapers or advertisements coloured in the mass.

### 2.02 **Unsold newspapers**

Unsold daily newspapers, free from additional inserts or illustrated material coloured in the mass.

#### 2.02.01 **Unsold newspapers, no flexographic printing allowed**

Unsold daily newspaper, free from additional insterts or illustrated material coloured in the mass, strings allowed. No flexographic printed material allowed.

### 2.03 **Lightly printed white shavings**

Lightly printed white shavings, mainly mechanical based paper.

#### 2.03.01 **Lightly printed white shavings without glue**

Lightly printed white shavings, mainly mechanical pulp based paper without glue.

### 2.04 **Heavily printed white shavings**

Heavily printed white shavings, mainly mechanical pulp based paper.

#### 2.04.01 **Heavily printed white shavings without glue**

Heavily printed white shavings, mainly mechanical pulp based paper, without glue.



- 2.05 **Sorted office paper**  
Sorted office paper
- 2.06 **Coloured letters**  
Correspondence, in mixed paper coloured in the mass, with or without print, of printing and writing. Free from carbon paper and hard covers.
- 2.07 **White woodfree books**  
Books, including misprints of books, without hard covers, mainly of woodfree white paper, black printed only. Containing a maximum of 10% of coated paper.
- 2.08 **Coloured woodfree magazines**  
Coated or uncoated magazines, white or coloured in the mass, free from non-flexible covers, bindings non-dispersible and adhesives, poster papers, labels or label trim. May include heavily printed circulars and coloured in the mass shavings. Containing a maximum of 10% mechanical pulp based papers.
- 2.09 **Carbonless copy paper**  
Carbonless copy paper
- 2.10 **Bleached woodfree Pe-coated board**  
Bleached woodfree Pe-coated board
- 2.11 **Other PE coated board**  
Other PE coated board. May contain unbleached board and paper from board Manufacturers and converters.
- 2.12 **Mechanical pulp based computer Print-out**  
Continuous computer print-out, mechanical pulp based, sorted by colours, may include recycled fibres.

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## **GROUP 3 – HIGHER GRADES**

- 3.01 Mixed lightly coloured printers shavings**  
Mixed shavings of printing and writing papers, lightly coloured in the mass, containing a minimum of 50% of woodfree paper.
- 3.02 Mixed lightly coloured woodfree printer shavings**  
Mixed shavings of printing and writing paper lightly coloured in the mass, containing a minimum of 90% of woodfree paper.
- 3.03 Woodfree binders**  
White woodfree lightly printed shavings with glue, free from paper coloured in the mass. May contain a maximum of 10% of mechanical pulp based paper.
- 3.04 Tear white shavings**  
White woodfree lightly printed shavings without glue, free from wet-strength paper and paper coloured in the mass.
- 3.05 White woodfree letters**  
Sorted white woodfree writing papers, originating from office records, free from cash books, carbon paper and non-water soluble adhesives.
- 3.06 White business forms**  
White woodfree business forms.
- 3.07 White woodfree computer print-out**  
White woodfree computer print-out, free from carbonless paper and glue.
- 3.08 Printed bleached sulphate board**  
Heavily printed sheets of bleached sulphate board, without glue, polycoated or waxed materials.
- 3.09 Lightly printed bleached sulphate board**  
Lightly printed sheets of bleached sulphate board, without glue, polycoated or waxed materials.
- 3.10 Multi printing**  
Woodfree, coated, lightly printed, free from wet-strength paper or paper coloured in the mass.

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- 3.11 **White heavily printed multiply board**  
New cuttings of heavily printed white multiply board, containing woodfree mechanical or thermo-mechanical pulp plies, but without grey plies.
- 3.12 **White lightly printed multiply board**  
New cuttings of lightly printed white multiply board, containing woodfree, mechanical or thermo-mechanical pulp plies, but without grey plies.
- 3.13 **White unprinted multiply board**  
New cuttings of unprinted white multiply board, containing woodfree, mechanical or thermo-mechanical pulp plies, but without grey plies.
- 3.14 **White newsprint**  
Shavings or sheets of white unprinted newsprint, free from magazine paper.
- 3.15 **White mechanical pulp based coated and uncoated paper**  
Shavings and sheets of white unprinted newsprint, free from magazine paper.
  - 3.15.01 **White mechanical pulp based paper containing coated paper**  
Shavings and sheets of white unprinted mechanical pulp based coated paper.
- 3.16 **White woodfree coated paper, without glue**  
Shavings and sheets of white unprinted woodfree coated paper, without glue.
- 3.17 **White shavings**  
Shavings and sheets of white unprinted paper, free from newsprint and magazine paper containing a minimum of 60% of woodfree paper, may contain a maximum of 10% of coated paper, but without glue.
- 3.18 **White woodfree shavings**  
Shavings and sheets of unprinted woodfree paper, may contain a maximum of 5% coated paper, but without glue.
  - 3.18.01 **White woodfree uncoated shavings**  
Shavings and sheets of white unprinted woodfree paper, free from coated paper, but without glue.
- 3.19 **Unprinted bleached sulphate board**  
Unprinted sheets of bleached sulphate board, without glue, polycoated or waxed materials.



## **GROUP 4 – KRAFT GRADES**

- 4.01 **New shavings of corrugated board**  
Shavings of corrugated board, with liners or kraft or testliner.
- 4.01.01 **Unused corrugated kraft**  
Unused boxes, sheets and shaving of corrugated board, with kraft liners only, the fluting made from chemical or thermo-chemical pulp.
- 4.01.02 **Unused corrugating material**  
Unused boxes, sheets and shavings of corrugated board, with liners of kraft or testliner.
- 4.02 **Used corrugated kraft I**  
Used boxed of corrugated board, with kraft liners only, the fluting made from chemical or thermo-chemical pulp.
- 4.03 **Used corrugated kraft II**  
Used boxes of corrugated board, with liners of kraft or testliners but having at least one liner made of kraft.
- 4.04 **Used kraft sacks**  
Clean used kraft sacks. Wet-strength and non wet-strength.
- 4.04.01 **Used kraft sacks with polycoated papers**  
Clean used kraft sacks. Wet-strength and non wet-strength. May include polycoated papers.
- 4.05 **Unused kraft sacks**  
Unused kraft sacks. Wet-strength and non wet-strength.
- 4.05.01 **Unused kraft sacks with polycoated papers**  
Unused kraft sacks. Wet-strength and non wet-strength, may include polycoated papers.
- 4.06 **Used kraft**  
Used kraft paper and board of a natural or white shade.
- 4.07 **New kraft**  
Used kraft paper and board of a natural or white shade.

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## 4.08 **New carrier kraft**

New carrier kraft, may include wet-strength paper.

## **GROUP 5 -SPECIAL GRADES**

### 5.01 **Mixed recovered paper and board**

Unsorted paper and board, separated at source.

### 5.02 **Mixed packaging**

A mixture of various qualities of used paper and board packaging free from newspapers and magazines.

### 5.03 **Liquid board packaging**

Used liquid packaging board including used PE-coated liquid packaging board (with or without aluminium content), containing a minimum of 50% by weight of fibres, and the balance being aluminium or coatings.

### 5.04 **Wrapper kraft**

Poly-lined, sprayed, or laminated used kraft. Must not contain bitumen or wax Coatings.

### 5.05 **Wet labels**

Used wet labels from wet-strength papers, containing a maximum of 1% glass content, and a maximum of 50% moisture, without other unusable materials.

### 5.06 **Unprinted white wet-strength woodfree papers**

Unprinted white wet-strength woodfree papers.

### 5.07 **Printed white wet-strength woodfree papers.**

Printed white wet-strength woodfree papers.

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