



# EUROPE Down & Feather Products Labelling (Feb 2020)

Source: EUROPEAN STANDARDS EN 12934 & other EN standards

For Additional Information

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**Definitions (EN 1885):**

1. DOWN..... The following definitions are used in the labelling of down and feather products in Europe :  
Down cluster (see below) + allowance of up to 5% down fibre as a % of down cluster.  
**Down Cluster = Downs + Plumules + Nestling Downs.**
2. FEATHERS..... Feathers (no quills) + allowance of up to 9% feather fibre and damaged/chopped feathers as a % of feathers.
3. LANDFOWL..... Non-waterfowl feathers, such as chicken, turkey, etc.
4. OTHER ELEMENTS.... The sum of down fibre in excess of 5% allowance  
+ Feather fibre & chopped/damaged feathers in excess of 9% allowance,  
+ Landfowl + Residue + Quill feathers + Reprocessed feathers (couché)
5. CLASS..... See next page for explanation of Product Classes.
6. DOWN PRODUCT..... If a product has 60% or more "DOWN" the product may be advertised as a "DOWN PRODUCT." See EN 13186.  
(The minimum down cluster required for a product labelled as 60% down is 52.38%)

**Filling Composition (EN 12131):**

**Component Requirements for "WATERFOWL" Products --- CLASS I or "NEW"**

LABEL Down % / Feather %	Minimum Down Cluster	% Down Fibre Allowed for Total Down	Minimum Total Down	Maximum Other Elements	Possible Range % Feathers including 9% Allowance	<b>NOTES</b>
100% Down	90.48 %	** 4.52 %	95 %	5 %	0 - 5 %	<p><b>If Other Elements exceed 5% the product uses a different classification:</b></p> <ul style="list-style-type: none"> <li>• Class II (if other elements are &gt;5% &amp; ≤15%)</li> <li>• Class III (if other elements are &gt; 15%) other elements must be included as part of the label. See next page for details.</li> </ul> <p>Up to 9% feather fibre &amp; chopped/damaged feathers can be added to feathers.</p> <ul style="list-style-type: none"> <li>• The 9% is based upon the actual feather % found in the product/sample.</li> <li>• <i>Example:</i> If 50% feathers are found then 4.5% of feather fibre and/or damaged-broken can be added to the feathers.</li> </ul> <p>Landfowl must be added to the "Other Elements."</p> <ul style="list-style-type: none"> <li>• It is very difficult to achieve the label Class I or "New" if the product has any landfowl.</li> </ul> <p>To be labelled "Waterfowl," the feather portion must have less than 10% Landfowl.</p>
90 % / 10 %	80.95	4.05	85	5	1 - 15	
80 / 20	71.43	3.57	75	5	11 - 25	
70 / 30	61.90	3.10	65	5	21 - 35	
60 / 40	52.38	2.62	55	5	31 - 45	
50 / 50	42.86	2.14	45	5	41 - 55	
40 / 60	33.33	1.67	35	5	51 - 65	
30 / 70	23.81	1.19	25	5	61 - 75	
20 / 80	16.67	0.83	17.5	5	71 - 82.5	
15 / 85	11.90	0.60	12.5	5	78 - 87.5	
10 / 90	7.14	0.36	7.5	5	83 - 92.5	
100% Waterfowl feathers	0	0	0	5	To be labelled "Waterfowl," the feather portion must have less than 10% Landfowl.	

\*\* Listed allowance for Down Fibre is based on minimum down cluster, if actual down cluster is higher, down fibre allowance is higher.

**LANDFOWL FEATHERS & BLENDS of LANDFOWL / WATERFOWL** See next page for details. (Class IV, V, VI & VII)

<b>SPECIES (IDFB 12):</b>	<b>Label</b>	<b>Amount of Goose Required</b>	<b>Label</b>	<b>Amount of Goose Allowed</b>
	Pure Goose	Minimum 90 % Goose	Duck/Goose	30 % - 49.9 % Goose
	Goose	70 % - 89.9 % Goose	Duck	10 % - 29.9 % Goose
	Goose/Duck	50 % - 69.9 % Goose	Pure Duck	0 % - 9.9 % Goose

**CLEANLINESS (EN 12935):**

Required: **Oxygen Number** (EN 1162) < 20 mg/100g

If oxygen > 20 then Microbiological State (Bioburden EN 1884) must be tested.

Optional: **Turbidity** (EN 1164) > 300 mm      **pH value** (ISO 3071) 6.6 - 8.0      **Oil & Fat Content** (EN 1163) 0.5% - 2.0%

**FILL POWER (EN 12130 : 2018)**

Method A: **Steam conditioning (mm/30g)**

Method B: **Tumble Dry (mm/30g)**

Method C: **Box conditioning (mm/30g)**

Height: mm/30g *or* Volume: cm<sup>3</sup>/g & in<sup>3</sup>/30g

Allowed tolerance -5%

**FILLING MASS (Net fill weight) (EN 13088)**

Allowed tolerance ±5%

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## Product Classes

TYPE OF FOWL	% OTHER ELEMENTS	CLASSIFICATION	REQUIRED ITEMS ON LABEL
WATERFOWL	less than 5%	CLASS I and/or "NEW"	down .... %, feather .... %
	5% to 15%	CLASS II	down .... %, feather .... %
	more than 15%	CLASS III	down .... %, feather .... % other elements ....%
LANDFOWL and blends of Landfowl/Waterfowl	less than 5%	CLASS IV and/or "NEW"	down .... %, feather .... %
	5% to 15%	CLASS V	down .... %, feather .... %
	more than 15%	CLASS VI	down .... %, feather .... % other elements .... %
LANDFOWL and/or WATERFOWL	-	CLASS VII	unspecified composition

## Labelling EXAMPLES

### SAMPLE A

### SAMPLE B

### SAMPLE C

ACTUAL RESULTS OF COMPOSITION TEST	DOWN CLUSTER	91 %	82 %	60 %
	DOWN FIBRE	5 %	6 %	12 %
	FEATHER FIBRE	1 %	3 %	8 %
	FEATHERS	2 %	6 %	16 %
	DAMAGED/BROKEN FEATHERS	1 %	1 %	2 %
	LANDFOWL	0 %	0.5 %	1 %
	RESIDUE/OTHER	0 %	1.5 %	1 %
	OVERALL GOOSE PLUMAGE	72 %	91 %	60 %
	OVERALL DUCK PLUMAGE	28 %	9 %	40 %
Allowance of up to 5% down fibre as a % of down cluster Formula: down cluster x .05 = allowable down fibre)		4.55 %	4.10 %	3.00 %
TOTAL DOWN (down cluster + allowance of down fibre )		95.55 %	86.10 %	63.00 %
Allowance of 9% feather fibre & chopped/damaged as % of total feathers Formula: Feathers .09 = allowable feather fibre & chopped/damaged		0.18 %	0.54 %	1.44 %
TOTAL FEATHERS (feathers + 9% allowance as described above)		2.18 %	6.54 %	17.44 %
Residue +		0.00 %	1.50 %	1.00 %
excess down fibre +		0.45 %	1.90 %	9.00 %
excess feather fibre & chopped/damaged feathers +		1.82 %	3.46 %	8.56 %
Re-processed Down or Feathers (couché) +		0 %	0 %	
Landfowl +		0 %	0.50 %	1.00 %
<b>TOTAL OTHER ELEMENTS =</b>		<b>2.27 %</b>	<b>7.36 %</b>	<b>19.56 %</b>
RE-CALCULATED REPORT DOWN		95.55 %	86.10 %	63.00 %
ACCORDING TO EN 12934 FEATHERS		2.18 %	6.54 %	17.44 %
LANDFOWL		- %	0.50 %	1.00 %
OTHER ELEMENTS (Including Landfowl)		2.27 %	7.36 %	19.56 %
PRODUCT CLASS		CLASS I (new)	CLASS II	CLASS III
DETAILED LABEL		New goose down Class 1, 100% down	Pure goose down & feathers Class II, 90% down 10% feathers	Goose/Duck down & feathers Class III, 60% down 20% feathers 20% other elements