

Korean Labeling Standards for Feather & Down



Source: Korean Standard KS K 2620 : 2014
data compiled and provided by IDFL Laboratory and Institute

References: Collection and preparation (KS K 0820:2014 – 4)
KS K 0020, Terminology used for Feathers and Down
KS K 0820, Testing Methods for Feathers and Down
KS K ISO 139, Standard State for Conditioning and Testing

Testing Methods (KS K 0820:2014)

Species Goose (KS K 0820:2014 – 7.2)

Species is required according to KS K 2620. However, labeling species is not required. No Duck requirements. If species is labeled Goose then the requirement is Goose $\geq 80\%$. Unidentified is not included in calculations. Landfowl is included and reported with Species.

Color Evaluation (KS K 0820:2014 – 7.12)

A color evaluation is required to claim white down. The maximum dark color allowed in white filling is 1.0%.

Fill Power (KS K 0820:2014 – 7.4)

Steam conditioning method.
Japanese Steel or Acrylic cylinders.
Fill Height uses the 120g plate for mm/30g results.
Fill Power uses the 94.3g plate for $\text{cm}^3/30\text{g}$ results.
Must meet one of the two quality requirements.

Cleanliness Requirements:

Oxygen Number (KS K 0820:2014 – 7.3)
Max 10

Turbidity (KS K 0820:2014 – 7.5)
Min 300mm (30cm)

Oil & Fat (KS K 0820:2014 – 7.9)
Max 1.5%

Moisture Content (KS K 0820:2014 – 7.8)
Max 15%

Odor Test (KS K 0820:2014 – 7.6)
Filling material must PASS as Satisfactory.

Content Analysis (KS K 0820:2014 – 7.1)

Classification	Label Down% Feather%	Minimum Down Cluster	Maximum Landfowl Feathers, Damaged Feathers & Residue	Maximum Down Fiber & Feather Fiber	Fill Height (mm/30g)	Fill Power ($\text{cm}^3/30\text{g}$)
					(Quality requirement, not part of labeling.)	
Down Product	100%	100%	0	0	$\geq 145\text{mm}$	≥ 10700
	95/5	95%	5%	5%	$\geq 140\text{mm}$	≥ 10400
	90/10	90%	5%	10%	$\geq 135\text{mm}$	≥ 10000
	85/15	85%	5%	15%	$\geq 125\text{mm}$	≥ 9300
	80/20	80%	5%	15%	$\geq 120\text{mm}$	≥ 8900
	75/25	75%	5%	15%	$\geq 115\text{mm}$	≥ 8600
Down and Feather Product	70/30	70%	5%	14%	$\geq 110\text{mm}$	≥ 8200
	60/40	60%	5%	12%	$\geq 100\text{mm}$	≥ 7500
	50/50	50%	5%	10%	$\geq 90\text{mm}$	≥ 6800
Feather Product	40/60	40%	5%	10%	$\geq 80\text{mm}$	≥ 6100
	30/70	30%	5%	10%	$\geq 70\text{mm}$	≥ 5400
	20/80	20%	5%	10%	$\geq 60\text{mm}$	≥ 4700
	10/90	10%	5%	10%	$\geq 50\text{mm}$	≥ 4000
	100% Feather	<10%	5%	10%	$\geq 50\text{mm}$	≥ 4000

Korean Labeling Standards for Feather & Down



Source: Korean Standard KS K 2620 : 2014

data compiled and provided by IDFL Laboratory and Institute

Notes

- Label must include the following:
 - Type of down and feathers
 - Composition
 - Net weight (kg)
 - Classification of product
 - Manufacturer
 - Production Year
 - Importer (only for imported products)
 - Address and phone number (including area code)
 - Country of Manufacture
- Used/recycled down and feathers may not be used in down and feather production
- All Testing and Collection of sample must be carried out according to KS K 0820:2014
- For normative references, unless an older method is stated, it is assumed that the newest version of Testing methods and labeling standards is used
- Categories of down and feathers:
 - White duck down and feather
 - Grey duck down and feather
 - White goose down and feather
 - Grey goose down and feather

Labeling Examples for Filling

White Goose Down
Product

Down	90%
Feathers	10%

Grey Duck Down and
Feather Product

Down	70%
Feathers	30%

White Goose Feather
Product

Down	20%
Feathers	80%

Feather Product

100% Feathers