

Technical data sheet

UPM Conifer

ECF Bleached Northern Softwood Kraft Pulp

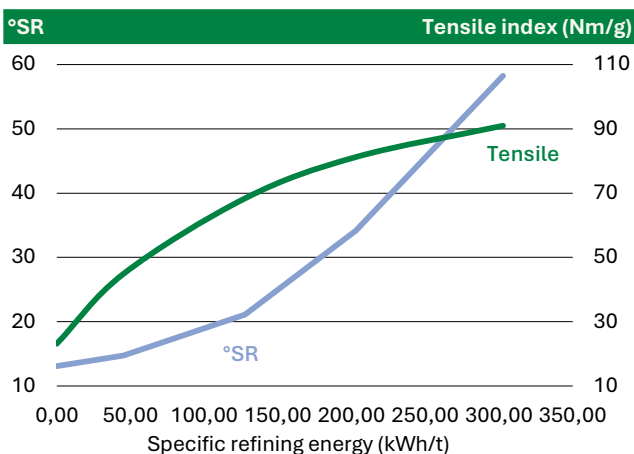
Pulp mill: UPM Pietarsaari

Date of issue: 16.2.2026

PULP CHARACTERISTICS

	Typical value	Spec
Brightness, ISO % ISO 2470-1	89	≥ 88
Impurities, mm ² /kg ISO 5350-2	2	
Extractives, % ISO 14453	0,04	≤ 0,15
Ash content, % ISO 1762	0,1	≤ 0,2
pH ISO 6588-2	5,9	5,0-7,0

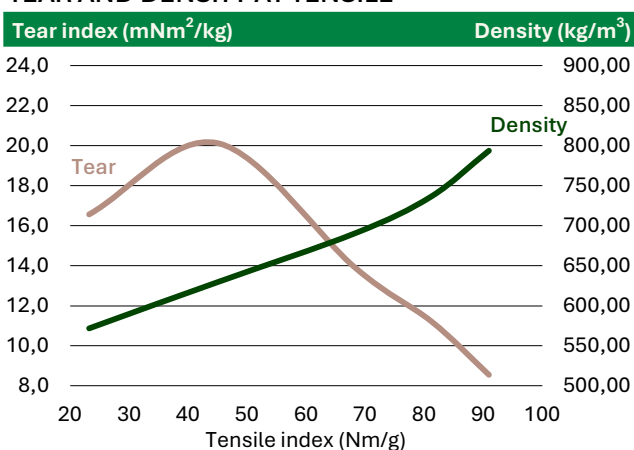
REFINABILITY



FIBRE CHARACTERISTICS

	Typical value
Fibre length, mm Valmet MAP	2,15
Coarseness, mg/m Metso FS5	0,15

TEAR AND DENSITY AT TENSILE



RAW MATERIAL

Softwood

Pine (Pinus Silvestris), Spruce (Picea Abies)

Specific Refining Energy	CSF	SR number	Tensile index	Stiffness index	Tear index	Scott Bond	Density	Opacity	Air res.
kWh/t	ml		Nm/g	kNm/g	mNm ² /g	J/m ²	kg/m ³	%	s
0	711	13	23	3,8	16,6	106	572	71,4	1,3
45	674	15	45	5,8	20,1	208	629	68,0	1,6
128	532	21	68	7,4	13,9	430	691	64,5	6
203	348	34	81	8,3	11,2	697	736	62,4	60
303	161	58	91	9,1	8,5	1221	794	59,0	1515
63	643	16	50	6,1	18,8	257	643	67,2	2,5
137	509	23	70	7,6	13,5	464	696	64,3	13
293	180	56	90	9,0	8,8	1170	788	59,3	1372
121	548	20	67	7,4	14,1	407	687	64,7	1
150	477	25	72	7,7	13,1	510	704	63,9	22
185	380	30	79	8,2	11,7	606	726	63,0	43

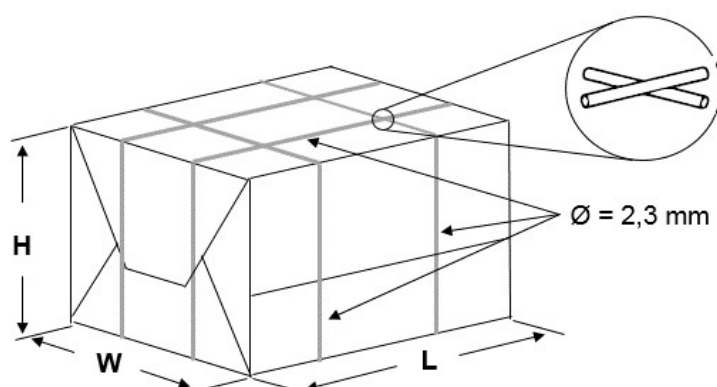
Typical values are averages from all mill quality control samples during year 2025. They are given in good faith to represent mill performance and do not constitute contractual undertaking. Values in the table are mean (indicative) values from pulp testing with Voith-Sulzer refining, using standard water. Specific Edge Load 2,5 J/m, ISO testing methods (H 50%, 23 °C, 60 gr/m² sheets).

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Bale marking

UPM Conifer		NBSK	
8 17	45488	- 001	FIN
↓ Mill No	↓ Product		↓ Unit No
	↓ Lot No		

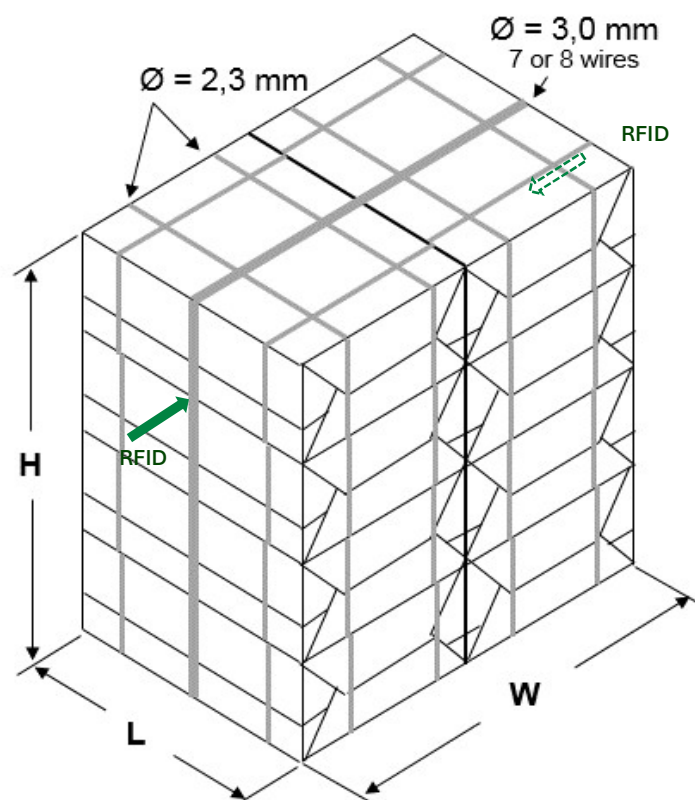
Standard bale



Standard bale

Size:	L =	90 cm
	W =	73 cm
	H =	42,5 cm
Weight:	250 kg	
Wrapping:	Pulp sheets (unwrapped on demand)	
Markings:	Blue watersoluble inkjet printing. Country, company name, product code and bale number on both sides.	
Wires:	4 galvanized wires,	diameter 2,3 mm.

Standard bale unit configuration

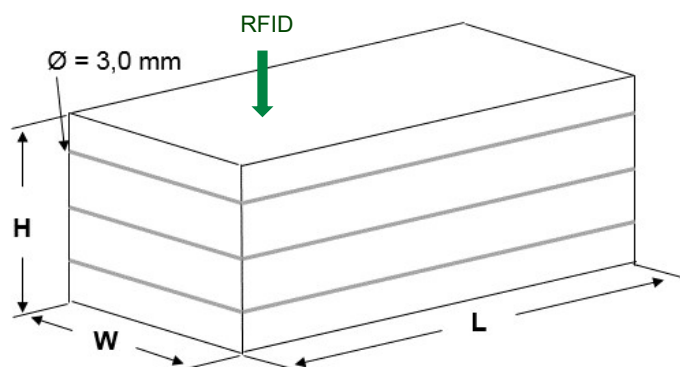


Standard bale unit configuration

Standard bale units		
Size:	L =	90 cm
	W =	146 cm
	H =	170cm
Weight:	2000 kg (8 x 250 kg)	
Wires:	7 or 8 galvanized wires, diameter 3,0 mm	
RFID:	1 tag per ton of pulp (traceability)	

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Big bale



Sheets

Size: 86 x 70 cm

Grammage 1250 g/m²

Big bale

Size: L = 170 cm

W = 88 cm

H = 72cm

Weight: 1000 kg

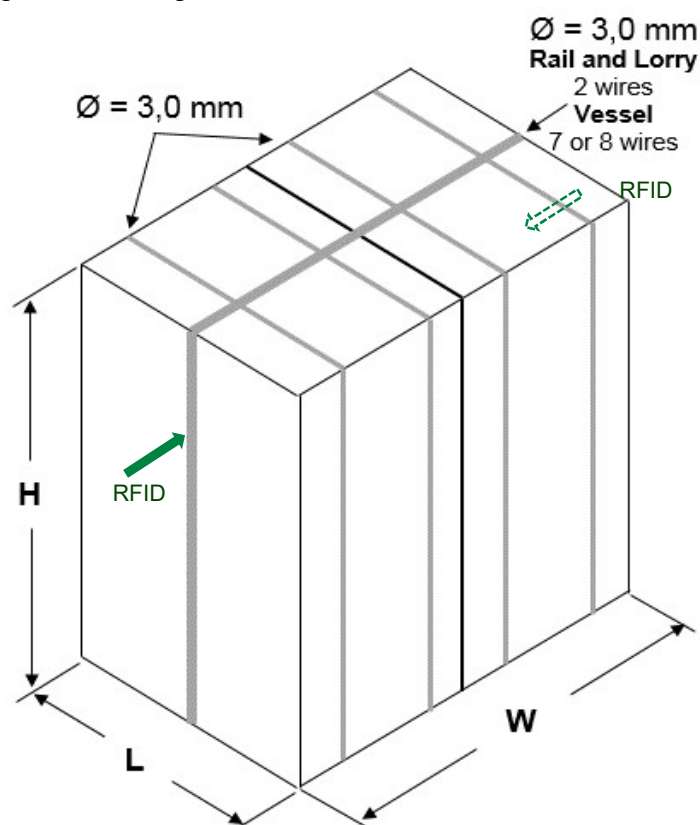
Wrapping: No wrapping

Markings: Blue watersoluble inkjet printing.
Country, company name, product code and bale number on both sides.

Wires: 3 galvanized wires,
diameter 3,0 mm

RFID: 1 tag per ton of pulp (traceability)

Big bale unit configuration



Big bale unit configuration

Big bale units

Size: L = 88 cm

W = 144 cm

H = 170cm

Weight: 2000 kg (2 x 1000 kg)

Wires: Vessel 7 or 8 galvanized wires, Rail and Lorry 2 wires
diameter 3,0 mm

RFID: 1 tag per ton of pulp (traceability)

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