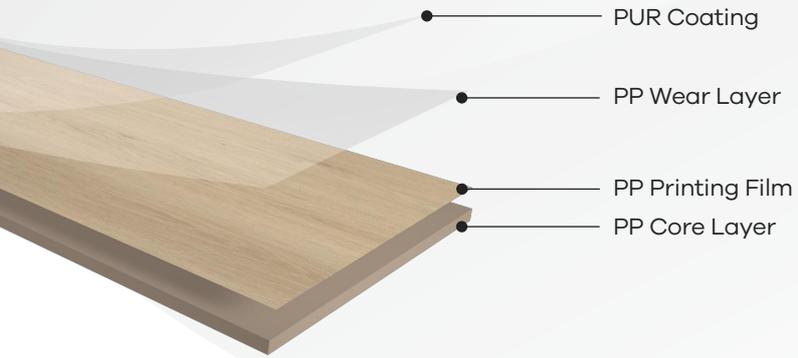


# PP FLOOR

## Explore the Next FLOORING TREND

PP Flooring is an innovative non-PVC flooring solution. Made from food-grade PP material, it ensures optimal human health and safety. As an eco-friendly option, it is easy to recycle and dispose of, and its enhanced wear resistance effectively extends the product's service life.

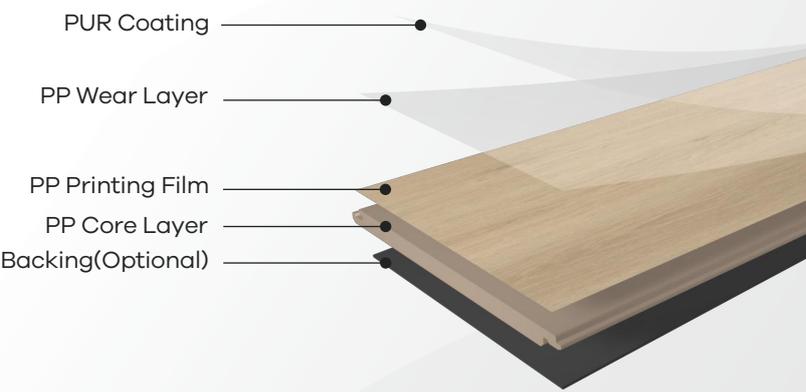


### ***PP Dry Back***

<b>Thickness</b>	2.5/3.0mm
<b>Wear layer</b>	0.30/0.50mm
<b>Size</b>	122*610mm, 184.15x1219.2mm, 228.6x1524mm, 304.8x609.6mm, 457.2x457.2mm, 457.2x914.4mm

### ***PP Click***

<b>Thickness</b>	4.5/5.0mm
<b>Wear layer</b>	0.30mm
<b>Size</b>	180x1220mm, 228x1530mm, 228x1840mm, 305x610mm, 457x914mm, 122x610mm(herringbone)



# ● What is PP Material

PP (polypropylene) is a non-toxic, eco-friendly thermoplastic material, boasting extensive.

<b>Daily use:</b>	 PP tableware	 Baby bottles	 Beverage caps
<b>Medical field:</b>	 Tubes/bags	 medicine bottles	 Surgical mask

# ● PP flooring VS PVC flooring

	PP	PVC	Points
 <b>Plasticizer</b>	N	Y	Plasticizer-free PP flooring avoids any migration of harmful substances, making it an exceptionally safe choice.
 <b>Burning</b>	water and carbon dioxide	Harmful substances dominated by dioxins	High-quality PP flooring contains no halogens and produces only water and carbon dioxide when burned, with no harmful substances released.
 <b>Wear Resistance</b> wear layer thickness 0.5mm	≥9000R	≥4000R	PP flooring boasts twice the wear resistance of PVC flooring, ensuring a longer service life and making it the top choice for commercial projects.
 <b>Weight</b>	1.75g/cm <sup>3</sup>	2.05g/cm <sup>3</sup>	With a 15% weight reduction, PP flooring lowers freight cost per square meter and reduces transportation energy consumption, delivering dual benefits of cost-saving and sustainability.
 <b>Recyclability</b>	easy to recycle	difficult to recycle	PP's single-component structure enables easy recycling and processing with zero toxic emissions, and achieves a higher recycled utilization rate for stronger circular economy value.

## • Technical Specification

Performance Attribute	Standard	PP Dry Back	PP Click
Straightness	ISO 24342	≤ 0.15mm	≤ 0.15mm
Squareness	ISO 24342	≤ 0.15mm	≤ 0.15mm
Surface treatment	/	PUR	PUR
Curling 80°C/6H	ISO 23999	≤ 1.2mm	≤ 1.2mm
Dimensional Stability (Shrinking 80°C/6H)	ISO 23999	≤ 0.12%	≤ 0.12%
Residual Indentation	ISO 24343-1	≤ 0.10mm	≤ 0.10mm
	ASTM F1914	≤ 8%	≤ 8%
Slip Resistance	EN 16165	R10	R10
Martindale Abrasion	EN 16094 A	≥MSRB <sub>2</sub>	≥MSRB <sub>2</sub>
Scratch Resistance	ISO1518	≥2500g	≥2500g
Boiling Water 100°C/2H	EN438-2	No bubble, no delamination	No bubble, no delamination
Light fastness	ISO 105-B02	≥Grade 6	≥Grade 6
Castor Test	ISO4918	25000R No damage	25000R No damage
Fire Resistant Classification	EN 13501-1	Bfl-s1/Cfl-s1	Bfl-s1/Cfl-s1
Resistance to staining and chemicals	EN ISO 26987	Class 0	Class 0
Toxic Elements Analysis	EN71-3	ND	ND
Phthalates Test	CPSC-CH-C1001-09.4	ND	ND
Halegon Test	EN 14582:2016	Pass	Pass
Environmental	French VOC regulation (ISO 16000)	A+	A+

## • Certification



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