

Leather Thickness Conversion Chart & Usage Guide

Ounces (oz)	Millimeters (mm)	Inches (in)	Common Uses	Pro Tip
1 oz	0.4 mm	1/64 in	Watch straps, linings	Ideal for soft detailing, not durable alone
2–3 oz	0.8–1.2 mm	1/32–3/64 in	Wallet interiors, handbags	Great balance between flexibility & strength
4–5 oz	1.6–2 mm	1/16–5/64 in	Outer wallets, purses, and journal covers	Perfect for hand-stitching projects
6–7 oz	2.4–2.8 mm	3/32–7/64 in	Belts, straps, heavy bags	Always check leather temper (soft vs. firm)
8–9 oz	3.2–3.6 mm	1/8–9/64 in	Saddlery, gun holsters	Casing is crucial before tooling
10–12 oz	4–5 mm	5/32–3/16 in	Armor, heavy-duty belts	Needs special tools to cut properly