

Denim Weight Conversion Chart

OZ/yd² ↔ GSM — general industry reference

Conversion formula: **1 oz/yd² ≈ 33.906 GSM** (values rounded to nearest whole number)

OZ/yd²	GSM	Weight Category	Typical Garment / Use
4.0	136	Lightweight	Shirts, summer dresses, linings
4.5	153	Lightweight	Shirts, summer dresses, linings
5.0	170	Lightweight	Shirts, summer dresses, linings
5.5	186	Lightweight	Shirts, summer dresses, linings
6.0	203	Lightweight	Lightweight shirts, blouses
6.5	220	Lightweight	Lightweight shirts, blouses
7.0	237	Lightweight	Lightweight shirts, blouses
7.5	254	Lightweight	Lightweight shirts, blouses
8.0	271	Lightweight	Light jeans, casual trousers, summer denim
8.5	288	Lightweight	Light jeans, casual trousers, summer denim
9.0	305	Lightweight	Light jeans, casual trousers, summer denim
9.5	322	Lightweight	Light jeans, casual trousers, summer denim
10.0	339	Midweight	Everyday jeans, lighter jackets
10.5	356	Midweight	Everyday jeans, lighter jackets
11.0	373	Midweight	Everyday jeans, lighter jackets
11.5	390	Midweight	Everyday jeans, lighter jackets
12.0	407	Midweight	Classic 5-pocket jeans, denim jackets
12.5	424	Midweight	Classic 5-pocket jeans, denim jackets
13.0	441	Midweight	Classic 5-pocket jeans, denim jackets
13.5	458	Midweight	Classic 5-pocket jeans, denim jackets
14.0	475	Heavyweight	Heavyweight jeans, workwear, heritage denim
14.5	492	Heavyweight	Heavyweight jeans, workwear, heritage denim
15.0	509	Heavyweight	Heavyweight jeans, workwear, heritage denim
15.5	526	Heavyweight	Heavyweight jeans, workwear, heritage denim
16.0	542	Heavyweight	Heavyweight jeans, workwear, heritage denim

Conversion is mathematical. Weight categories are general industry groupings, not fixed standards — classification varies between mills. Hand feel, drape and thickness also depend on yarn, weave and finishing, not on weight alone. This chart is a general sourcing reference, not a specification for any particular production order.

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