

## yarn count conversion chart

Common yarn count type					
Type	Fixed length system (The larger the value, the thicker the yarn)			Fixed weight system (the larger the value, the finer the yarn)	
	Tex	Dtex	Denier	Metric Count	English Cotton Count
Definition	The weight in grams of 1,000 m yarn at a fixed moisture return rate.	The weight in grams of 10,000 m yarn at a fixed moisture return rate.	The weight in grams of 9,000 m yarn at a fixed moisture return rate.	The length in meters of a 1-gram piece of yarn at a fixed moisture recovery rate.	The number of 840 yards per 1 pound piece of yarn in the British system at a fixed rate of moisture return.
Formula of calculation	$N_{tex} = (G/L) * 1000$	$N_{dtex} = (G/L) * 10000$	$N_{den} = (G/L) * 9000$	$N_m = L/G$	$N_e = (L/G) * 840$
Scope of application	Cotton type yarn, cotton type chemical fiber yarn	Cotton type yarn, cotton type chemical fiber yarn	Silk, chemical filament yarn, chemical staple fiber	Woolen yarn, wool chemical fiber yarn, hessian yarn, silk spinning yarn,	Cotton type yarn, cotton type chemic