

5. Imperial to metric conversions

Grammage	lb./1,000 ft² (msf)	x	4.8824	=	g/m²
Thickness (caliper)	mils (points)	x	25.4	=	microns
Density	lb./100 ft ² /mil	x	192.2	=	kg/m ³
Stiffness	gcm	x	0.0980665	=	mN x m
Tear	gf	x	9.80665	=	mN
Force	lbf/in.	x	0.1751268	=	kNm
Strength	ft. x lb./in ² x 10 ³	x	2.09405	=	J/m ²
Pressure	psi	x	6.894757	=	kPa
Tonnage	short tons	x	0.9072	=	metric tonnes
Weight	lb.	x	0.4535924	=	kg
Length	inches	x	2.54	=	cm
Area	square feet	x	0.0929	=	m ²