

#### 4. Metric to imperial conversions

<b>Basis Weight</b>	<b>g/m<sup>2</sup></b>	<b>x</b>	<b>0.2048173</b>	<b>=</b>	<b>lb./1,000ft.<sup>2</sup> (msf)</b>
<b>Caliper (thickness)</b>	microns	x	0.0393701	=	mils (points)
<b>Density</b>	kg/m <sup>3</sup>	x	0.0052029	=	lb./100 ft. <sup>2</sup> /mil
<b>Stiffness</b>	mN x m	x	10.1971600	=	gcm
<b>Tear</b>	mN	x	0.1019716	=	gf
<b>Force</b>	kNm	x	5.7101480	=	lbf/in.
<b>Strength</b>	J/m <sup>2</sup>	x	0.4775435	=	ft. x lb./in. <sup>2</sup> x 10 <sup>3</sup>
<b>Pressure</b>	kPa	x	0.1450377	=	psi
<b>Tonnage</b>	metric tonnes	x	1.1023000	=	short tons
<b>Weight</b>	kg	x	2.2046200	=	lb.
<b>Length</b>	cm	x	0.3937000	=	inches
<b>Area</b>	m <sup>2</sup>	x	10.7640000	=	square feet