

Conversion Tables

Filament diameter					
European unit		microns	U.S. symbols	inches	
1 micron =	1/1,000 mm	5	D	0.00021	
=	0.001 mm	6	DE	0.00025	
=	0.00004 inch	7	E	0.00029	
		9	G	0.00036	
		10	H	0.00042	
		13	K	0.00051	
		14	L	0.00056	
		17	N	0.00068	
		24	T	0.00096	
Turns per inch (TPI): 1 TPI = 40 turns per m (T/m)					
Weight of yarn					
Metric		Yard	Metric	Yard	
tex (g/1,000 m)		h.y.p.p. (100 yds/1lb)	tex (g/1,000 m)	y.p.p. (yd/1lb)	
2.8		1800 h.y.p.p.	160 tex	3100 y.p.p.	
5.5		900	660	750	
11		450	1100	450	
22		225	1200	416	
34		150	2400	207	
68		75	4800	104	
tex = 5,000/h.y.p.p.		h.y.p.p. = 5,000/tex		tex = 500,000/y.p.p	
hundred yds per pound				y.p.p. = 500,000/tex	
				exact: 496,238	

Mass				Force			
1oz. = 28.35g		1g = 0.035oz.		1N = 0.102kgf = 0.225lbf			
1lb = 0.454kg		1kg = 2.205lb					
Length				Area			
1yd = 0.91m		1m = 1.09yd		1sq.yd. = 0.83 sq.m		1sq.m = 1.19 sq.yd.	
1ft.(1/3yd) = 0.3048m		1m = 3.281ft.		1sq.ft. = 0.039 sq.m		1sq.m = 10.76 sq.ft.	
1inch (1/12ft.) = 2.54cm		1cm = 0.39 inch					
Density				Temperature			
1lb/in(3) = 27.68g/cm(3)		1g/cm(3) = 0.036lb/in(3)		1,000 degr.C = 1,832 degr.F			
1lb/ft(3) = 0.0160g/cm(3)		1g/cm(3) = 62lb/ft.(3)					
Comments							
This conversion table is a guide and to our knowledge is accurate.							