

Surface roughness

@wikipedia

The average amplitude ϵ of the material thickness variation.

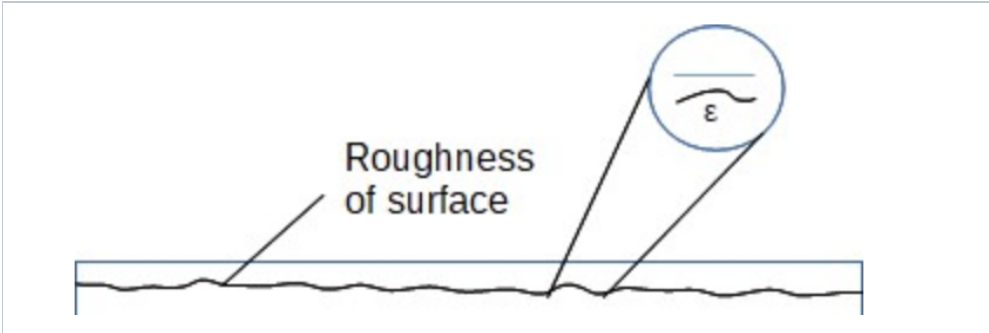


Fig. 1. Schematic view of Surface roughness.

Material	Conditions	mm	ft
Steel	sheet	0.05	1.6×10^4
	pipe	0.045	1.44×10^4
	stainless	0.002	7×10^6
	rivet	3.0	1×10^2
	rusty	2.0	7×10^3
Iron	cast	0.26	8.5×10^4
	forged	0.046	1.5×10^4
	galvanised	0.15	5×10^4
Brass		0.002	7×10^6
Plastic		0.0015	5×10^6
Glass		0	0
Concrete	smooth	0.04	1.3×10^4
	rough	2.0	7×10^3
Rubber	smooth	0.01	3.3×10^5
Wood	plank	0.5	1.6×10^3

See also

