

Solder used as fuse wire - rosin core heats up and will expand and bubble though at a weak point. Recommended use would be at half or less than for the fuse point.

diameter	Amps	volts/5 inch	resistance/inch
.015 inches	2.4	0.723	
.37mm	2.35	0.618	
	2.43	0.695	
	2.5	0.71	
	2.35	0.606	
avg	2.406	0.6704	0.055727

fuse point = 2.5 to 3 amp depending on nicks in the wire. 2.6 to 2.8 typical.

diameter	Amps	volt/3inch	resistance/inch
.8mm	3.05	0.057	0.00623
	7.07	0.174	0.008204
	6.4	0.143	0.007448
	5.24	0.11	0.006997
avg			0.00722

fuse point about 9 or 10 amp