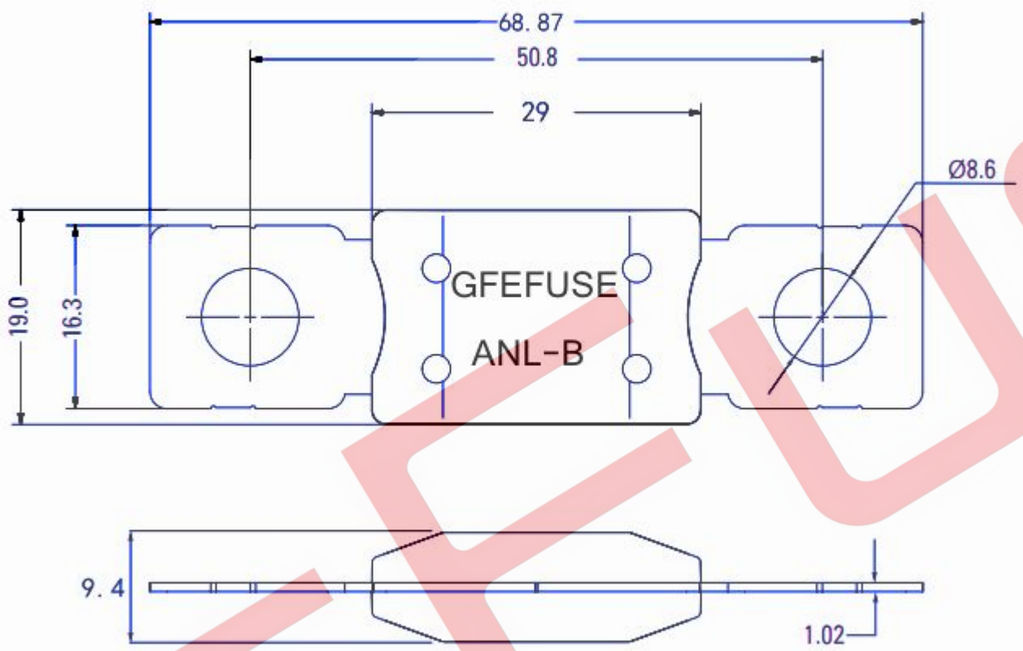
（GFEFUSE® ANL-B3)SF51 Fork bolt automobile fuse

1.Dimensions (mm)



2.Specifications

Housing: Out of thermoplastic (UL 94-V0, heat-resistant) Visible melting element

Terminal: Copper alloy, gal. Sn 2 x M8 bolts, Distance 50.8mm

Mounting Torque: 12.0 Nm +/- 1Nm Breaking Capacity: 32V48V dc

Complies with: ISO 8820-5-2015 UL 248 Special Purpose Fuses

Operating Temperature Range: -40˚C to + 125˚C(The maximum allowable temperature is 150°C at the contact point

3.Time-Current Characteristics

% of Rating	Opening Time Min / Max (s)	
	40A - 250A	300A-650A
75	– / –	14,400 / ∞
110	14,400 / ∞	– / –
135	120S/1800S	– / –
200	1 s / 15s	1 s / 15 s
350	0.300 s / 5 s	0.500 s / 5s
600	0.100 s / 1 s	0.100 s / 1 s

1: Short Circuit Protector only, Products in development - please contact GFEFUSE for more details regarding availability timing.Note

2: Voltage Drop measurements for short circuit protectors taken at 75% of rated current.Note

3: The typical I2t is an average value calculated from the breaking capacity tests by using the melting time before the arcing occurs.

4. Ratings

TYPE	Rating Current(A)	Typ Voltage drop	I2t(A2s)
ANL-B3040	40A	≤110mV	8700
ANL-B3050	50A	≤110mV	14800
ANL-B3060	60A	≤110mV	21000
ANL-B3070	70A	≤110mV	21000
ANL-B3080	80A	≤110mV	21500
ANL-B3100	100A	≤110mV	31100
ANL-B3125	125A	≤110mV	57800
ANL-B3150	150A	≤110mV	100500
ANL-B3175	175A	≤110mV	168000
ANL-B3200	200A	≤110mV	204000
ANL-B3225	225A	≤110mV	257000
ANL-B3250	250A	≤80mV	389000
ANL-B3275	275A	≤80mV	521000
ANL-B3300	300A	≤80mV	315000
ANL-B3350	350A	≤80mV	500000
ANL-B3400	400A	≤80mV	610000
ANL-B3450	450A	≤80mV	1050000
ANL-B3500	500A	≤80mV	2050000
ANL-B3550	550A	≤80mV	2210700
ANL-B3650	650A	≤80mV	526500

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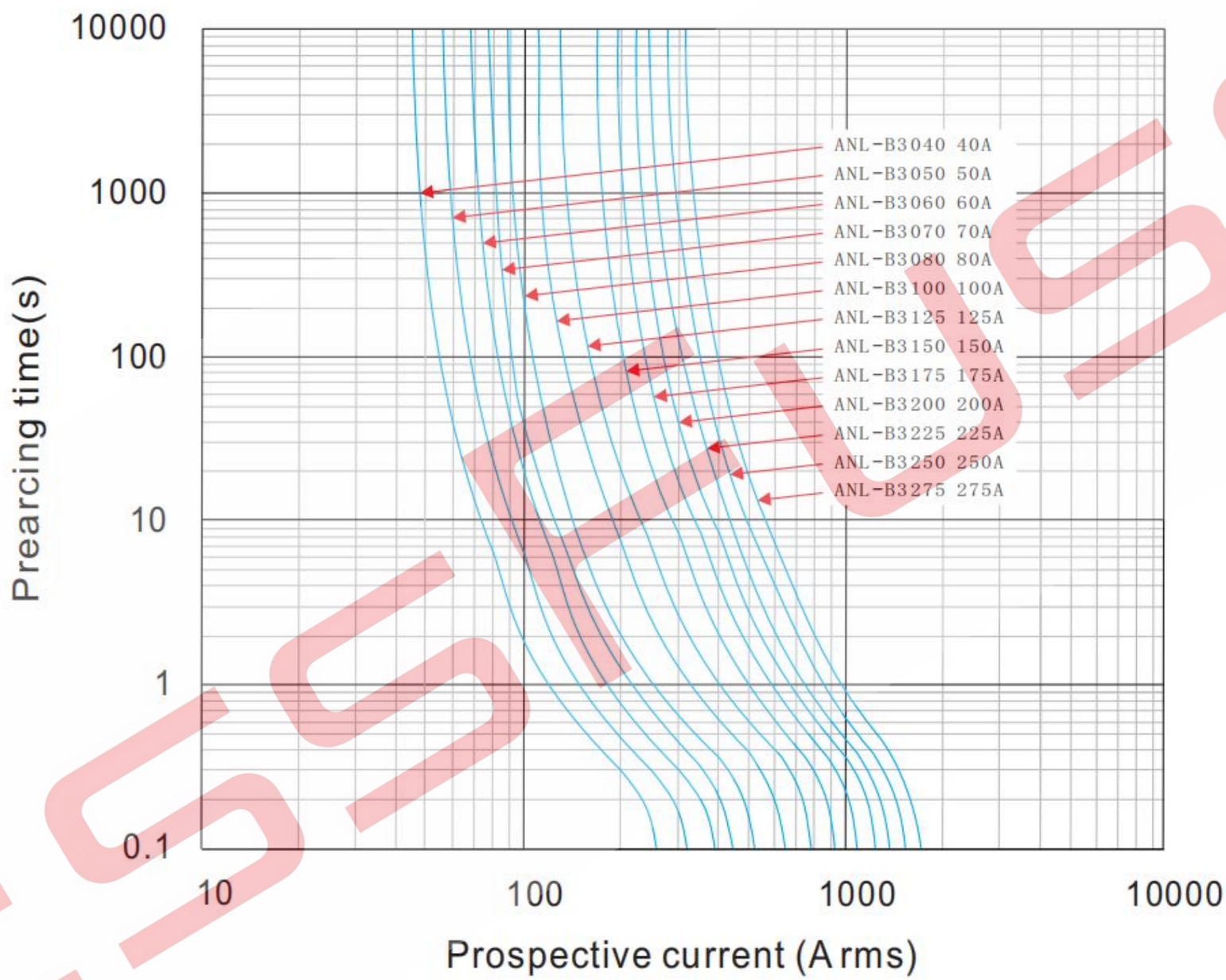
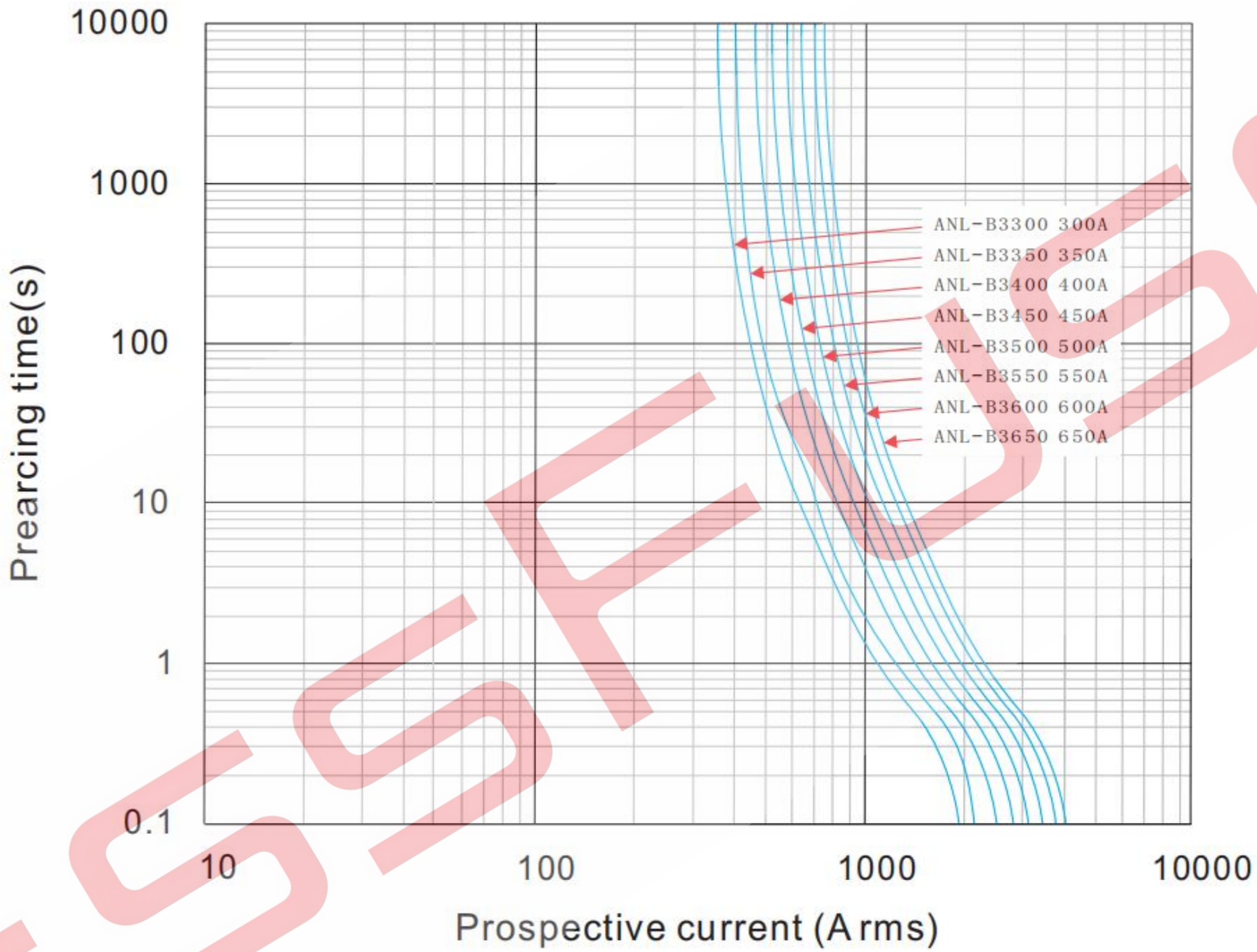
5.Fusioncharacteristics




10000
1000
100
10
1
0.1
Prearcing time(s)
ANL-B3300 300A
ANL-B3350 350A
ANL-B3400 400A
ANL-B3450 450A
ANL-B3500 500A
ANL-B3550 550A
ANL-B3600 600A
ANL-B3650 650A
10
100
1000
10000
Prospective current (A rms)