

# MC Glide Tuff®

## Interlocked Lightweight Galvanized Steel Armor



### Armor

- Lightweight Interlocked Galvanized Steel Strip Color-Coded Blue with ColorSpec® ID/ ColorTrak® ID

### Conductors

- Solid or Stranded Copper

### Conductors Insulation

- THHN/THWN

### Assembly Covering

- Polypropylene Tape

### Neutral Conductor

- White 120/208V
- Gray 277/480V

### Grounding

- One or more Insulated Green Copper Grounding Conductor(s)

### Maximum Voltage Rating

- 600V

### Maximum Temperature Rating

- 90°C (Dry)

### References & Ratings

- UL 83,1479,1569,1581, 2556, File Reference E80042
- NEC® 230.43, 300.22(C), 330, 392, 396.10(A), 501, 502, 503, 504, 505, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and/or embedded in plaster
- Made in USA of US and/or imported materials
- U.S. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280



Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Solid							
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	S004B42T00	S004B60T00	152	0.440
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	S004B42T01	S004B60T01	152	0.440
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	S004B42T02	S004B60T02	152	0.440
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	S004B42T03	S004B60T03	152	0.440
12-2	12-1 Solid (Red)	12-1 Solid (White)	12-1 Solid (Green)	S004B42T04	S004B60T04	152	0.440
12-2	12-1 Solid (Blue)	12-1 Solid (White)	12-1 Solid (Green)	S004B42T05	S004B60T05	152	0.440
12-2	12-1 Solid (Purple)	12-1 Solid (Gray)	12-1 Solid (Green)	S004B42T07	S004B60T07	152	0.440
12-2 I.G. <sup>1</sup>	12-1 Solid (Black)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	S005B42T80	S005B60T80	178	0.460
12-2 I.G. <sup>1</sup>	12-1 Solid (Red)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	S005B42T84	S005B60T84	178	0.460
12-2 I.G. <sup>1</sup>	12-1 Solid (Blue)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	S005B42T85	S005B60T85	178	0.460
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	S005B42T00	S005B60T00	178	0.460
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	S005B42T01	S005B60T01	178	0.460
12-3	12-2 Solid (Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	S005B42T02	S005B60T02	178	0.460
12-3	12-2 Solid (Brown, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	S005B42T03	S005B60T03	178	0.460
12-3	12-2 Solid (Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	S005B42T04	S005B60T04	178	0.460
12-3	12-2 Solid (Black, Blue)	12-1 Solid (White)	12-1 Solid (Green)	S005B42T05	S005B60T05	178	0.460
12-3	12-2 Solid (Brown, Purple)	12-1 Solid (Gray)	12-1 Solid (Green)	S005B42T07	S005B60T07	178	0.460
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	S006B42T00	S006B60T00	207	0.500
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	S006B42T01	S006B60T01	207	0.500

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Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Solid							
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	S007B42T00	S007B60T00	198	0.500
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	S007B42T01	S007B60T01	198	0.500
10-2	10-1 Solid (Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	S007B42T02	S007B60T02	198	0.500
10-2	10-1 Solid (Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	S007B42T03	S007B60T03	198	0.500
10-2	10-1 Solid (Red)	10-1 Solid (White)	10-1 Solid (Green)	S007B42T04	S007B60T04	198	0.500
10-2	10-1 Solid (Blue)	10-1 Solid (White)	10-1 Solid (Green)	S007B42T05	S007B60T05	198	0.500
10-2	10-1 Solid (Purple)	10-1 Solid (Gray)	10-1 Solid (Green)	S007B42T07	S007B60T07	198	0.500
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	S008B42T00	S008B60T00	245	0.550
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	S008B42T01	S008B60T01	245	0.550
10-2 I.G. <sup>1</sup>	10-1 Solid (Black)	10-1 Solid (White)	10-2 Solid (Green, Green/Yellow)	S008B42T80	S008B60T80	245	0.550
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	S009B42T00	S009B60T00	284	0.585
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	S009B42T01	S009B60T01	284	0.585
Stranded							
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	S058B42T00	S058B60T00	155	0.440
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	S058B42T01	S058B60T01	155	0.440
12-2 I.G. <sup>1</sup>	12-1 Stranded (Black)	12-1 Stranded (White)	12-2 Stranded (Green, Green/Yellow)	S059B42T80	S059B60T80	183	0.460
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	S059B42T00	S059B60T00	183	0.460
12-4	12-3 Stranded (Black, Red, Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	S060B42T00	S060B60T00	211	0.495
10-2	10-1 Stranded (Black)	10-1 Stranded (White)	10-1 Stranded (Green)	S061B42T00	S061B60T00	205	0.495
10-3	10-2 Stranded (Black, Red)	10-1 Stranded (White)	10-1 Stranded (Green)	S062B42T00	S062B60T00	250	0.550
10-4	10-3 Stranded (Black, Red, Blue)	10-1 Stranded (White)	10-1 Stranded (Green)	S063B42T00	S063B60T00	300	0.585
10-4	10-3 Stranded (Brown, Orange, Yellow)	10-1 Stranded (Gray)	10-1 Stranded (Green)	S063B42T01	S063B60T01	300	0.585

Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order.

Special orders are subject to lead times and minimum order quantities.

<sup>1</sup>I.G. = Isolated Ground, an additional insulated green copper grounding conductor with yellow stripe.

## Barrel Packaging Solution

Conductor				Product Code	Length	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)		(ft)	(lb/1000ft)	(in)
Solid							
12-2	12-1 Solid (Black)	12-1 Solid (White)	12 Solid (Green)	S004B93T00	2500	152	0.440
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12 Solid (Green)	S004B93T01	2500	152	0.440
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12 Solid (Green)	S004B93T02	2500	152	0.440
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12 Solid (Green)	S004B93T03	2500	152	0.440
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12 Solid (Green)	S005B92T00	2000	178	0.460
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12 Solid (Green)	S005B92T01	2000	178	0.460
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	12 Solid (Green)	S006B91T00	1500	207	0.500
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12 Solid (Green)	S006B91T01	1500	207	0.500
10-2	10-1 Solid (Black)	10-1 Solid (White)	10 Solid (Green)	S007B91T00	1500	198	0.500

Note: All dimensions and weights are subject to normal manufacturing tolerances.

Special Orders are subject to lead times and minimum order quantities.

Gaylord Packaging Solution

Conductor				Product Code	Length	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)		(ft)	(lb/1000ft)	(in)
Solid							
12-2	12-1 Solid (Black)	12-1 Solid (White)	12 Solid (Green)	S004B76T00	6000	152	0.440
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12 Solid (Green)	S004B76T01	6000	152	0.440
12-2	12-1 Solid (Red)	12-1 Solid (White)	12 Solid (Green)	S004B76T04	6000	152	0.440
12-2	12-1 Solid (Blue)	12-1 Solid (White)	12 Solid (Green)	S004B76T05	6000	152	0.440

Note: All dimensions and weights are subject to normal manufacturing tolerances. Special Orders are subject to lead times and minimum order quantities.

ColorSpec® ID

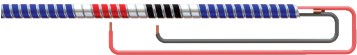
2 Conductors with Ground

MC Glide Tuff®  
120/208V



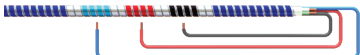
Single Phase - Black

3 Conductors with Ground



Two Phase - Black, Red

4 Conductors with Ground



Three Phase - Black, Red, Blue

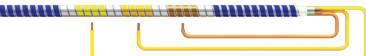
MC Glide Tuff®  
277/480V



Single Phase - Brown



Two Phase - Brown, Orange



Three Phase - Brown, Orange, Yellow



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