USS Tiger Brand High Temperature

TB1-107
HIGH TEMPERATURE
Type AVA Power Cable Table G
Single Conductor 3000 VOLTS

Date Issued: June 1972

Applications:

For use in open or conduit general power wiring around ovens, furnaces, tenter frames, boiler rooms or steel mills, or for any similar power application where the insulation may be subjected to heat, heat and moisture, oil, grease, corrosive fumes or fire hazard.

This cable can withstand continuous high temperature without deterioration and has sufficient moisture-repelling properties to meet normal moisture conditions due to condensation in conduit installations. If parts of a circuit are liable to be submerged in water for long periods, however, lead sheathed AVL cables (Table EL) should be utilized.

Conductor Temperature

110°C (230°F)

Specifications.

Copper Conductor—Annealed uncoated

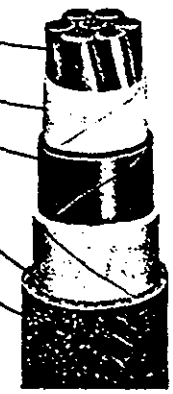
Insulation—Asbestos

Varnish cambric

Outer Covering—Asbestos braid

Finish—Black FHM (flame, heat, and moisture-resistant) compound

This product is manufactured and tested in accordance with Underwriters' Laboratories requirements and conforms to IPCEA Pub. S-28-357 where applicable.



Size AWG or MCM	Number of Strands	Insulation Thickness Mils			Asbestos Braid Thickness Mils	℄ Approx. Outer Diameter Inches	Approx. Net Weight Lbs. per 1,000 Ft.	Standard Packing
		Inner Asbestos	V.C.	2nd Asbestos				
12	7	15	80	25	45	.42	98	1000' Reel
10	7	15	80	25	45	.45	116	1000' Reel
8	7	15	80	25	45	.48	143	1000' Reel
6	7	15	80	25	45	.51	187	1000' Reel
4	7	15	80	25	45	.56	251	1000' Reel
2	7	15	80	25	45	.62	342	1000' Reel
1	19	20	80	30	45	.68	424	1000' Reel
1/0	19	20	80	30	45	.72	506	1000' Reel
2/0	19	20	80	30	45	.77	606	1000' Reel
3/0	19	20	80	30	45	.82	729	1000' Reel
4/0	19	20	80	30	45	.88	886	1000' Reel
250	37	25	80	40	45	.96	1047	500' Reel
300	37	25	80	40	45	1.01	1220	500' Reel
350	37	25	80	40	45	1.06	1400	500' Reel
400	37	25	80	40	45	1.11	1570	500' Reel
500	37	25	80	40	45	1.20	1910	500' Reel
600	61	30	80	40	45	1.28	2270	500' Reel
750	61	30	80	40	45	1.39	2760	500' Reel
1000	61	30	80	40	45	1.54	3590	500' Reel

℄ Diameter subject to ± 5% tolerance. For ampacities refer to Page TB1-801.

Cable Identification via Surface Legend showing "U.S.S. Corp. Tiger Brand UL Type AVA (size) 3000 Volts Table G"

ARCHITECTS/ENGINEERS

How to specify this product for purchasing purposes:

"Cable shall be U. S. Steel Tiger Brand TB1-107 or approved equal"

U.S.S. AND TIGER BRAND ARE REGISTERED TRADEMARKS.

PLAINTIFF'S EXHIBIT USX-5