

TRIPLE-BRAIDED COPPER—continued.

(C.) 7/064 in. (7/16 S.W.G.).

Constants.—Area (copper), 0.0225 sq. in.; diameter (covered), 0.388 in.; loading factor, 2.97; maximum tension in conductor, 562 lb.; weight of covered conductor, 0.1387 lb. per foot.

Span.	Datum.		Degrees Fahrenheit above Datum.									
	0.		20.		40.		60.		80.		100.	
	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.
Ft.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.
120 ..	455	0 6½	387	0 8	323	0 9½	268	0 11	221	1 2	185	1 4
140 ..	421	0 10	358	0 11	301	1 2	254	1 4	215	1 7	186	1 10
160 ..	386	1 2	329	1 4	282	1 7	242	1 10	210	2 1	186	2 5
180 ..	353	1 7	305	1 10	265	2 1	233	2 5	207	2 8	187	3 0

(D.) 7/083 in.

Constants.—Area (copper), 0.03787 sq. in.; diameter (covered), 0.429 in.; loading factor, 3.180; maximum tension in conductor, 947 lb.; weight of covered conductor, 0.1973 lb. per foot.

Span.	Datum.		Degrees Fahrenheit above Datum.									
	0.		20.		40.		60.		80.		100.	
	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.
Ft.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.
120 ..	866	0 5	745	0 5½	627	0 6½	517	0 8¼	420	0 10	339	1 0½
140 ..	840	0 7	722	0 8	609	0 9½	507	0 11½	418	1 2	346	1 4
160 ..	809	0 9½	695	0 11	589	1 1	495	1 3½	415	1 6	351	1 9
180 ..	777	1 0½	669	1 2½	570	1 5	484	1 8	413	1 11	356	2 3

(E.) 19/052 in.

Constants.—Area (copper), 0.0403 sq. in.; diameter (covered), 0.482 in.; loading factor, 2.31; maximum tension in conductor, 1,008 lb.; weight of covered conductor, 0.2324 lb. per foot.

Span.	Datum.		Degrees Fahrenheit above Datum.									
	0.		20.		40.		60.		80.		100.	
	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.
Ft.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.
120 ..	912	0 5½	785	0 6½	663	0 7½	551	0 9	451	0 11	371	1 1
140 ..	880	0 8	759	0 9	642	0 11	538	1 1	449	1 3	378	1 6
160 ..	846	0 10	729	1 0	622	1 2	527	1 5	447	1 8	384	1 11
180 ..	810	1 2	700	1 4	601	1 7	516	1 10	446	2 1	390	2 5

(F.) 19/064 in. (19/16 S.W.G.).

Constants.—Area (copper), 0.0610 sq. in.; diameter (covered), 0.598 in.; loading factor, 2.03; maximum tension in conductor, 1,525 lb.; weight of covered conductor, 0.3378 lb. per foot.

Span.	Datum.		Degrees Fahrenheit above Datum.									
	0.		20.		40.		60.		80.		100.	
	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.	Ten.	Sag.
Ft.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.	lb.	Ft. in.
120 ..	1429	0 5	1235	0 6	1047	0 7	871	0 8½	712	0 10	581	1 0
140 ..	1397	0 7	1207	0 8	1027	0 9½	861	0 11	716	1 2	597	1 5
160 ..	1361	0 9½	1178	0 11	1007	1 1	852	1 3	719	1 6	612	1 9
180 ..	1322	1 0	1148	1 2	986	1 5	843	1 8	722	1 11	625	2 2