

EXANE[®] TFE Fluoropolymer

Abrasion Resistant Transit Wire



200 °C • 260 °C • 600V • Standard Wall
SPEC. CAA1038

FEATURES

- Superior mechanical properties
- High temperature rating
- Excellent low temperature characteristics
- Excellent resistance to most chemicals and fluids

PERFORMANCE STANDARDS

- Meets all requirements of MIL-W-22759/5 and /6
- Temperature rating
 - Silver coated copper 200 °C
 - Nickel coated copper 260 °C
- Low temperature rating -65 °C

CONSTRUCTION

Conductors: Silver or nickel coated copper

Insulation: Standard wall, extruded abrasion resistant TFE fluoropolymer

SCOPE

Abrasion Resistant TFE (ART) transit wires are intended for electrical or electronic use wherever a high temperature, abrasion resistant wire is required. The mineral reinforced TFE insulation provides excellent mechanical strength plus outstanding fluid and solvent resistance at high temperatures. Both wires are standard wall thickness constructions with silver-coated or nickel-coated conductors.

CHICAGO

933 E. Remington Rd
Schaumburg, IL 60173
847.944.1500

BOSTON

100 Jytek Drive
Leominster, MA 01453
978.534.5300

ATLANTA

5940 Cabot Parkway
Alpharetta, GA 30005
678.297.1080

PHOENIX

1524 W 14th Street
Tempe, AZ 85281
623.478.8700

EXANE® TFE Fluoropolymer

Abrasion Resistant

200 °C and 260 °C - Transit



Silver Coated Conductor

Part Number	Conductor Coating	Conductor Size		Stranding	Nominal Diameter		Approx. Weight	
		AWG	mm ²		IN	mm	#/m'	kg/km
ARTS24S	Silver	24	.24	19/36	0.075	1.90	5.0	7.44
ARTS22S	Silver	22	.38	19/34	0.085	2.16	6.8	10.1
ARTS20S	Silver	20	.62	19/32	0.095	2.41	9.0	13.4
ARTS18S	Silver	18	.96	19/30	0.110	2.79	12.8	19
ARTS16S	Silver	16	1.23	19/29	0.125	3.17	15.9	24
ARTS14S	Silver	14	1.94	19/27	0.143	3.63	23.2	34
ARTS12S	Silver	12	3.08	19/25	0.160	4.06	33	49
ARTS10S	Silver	10	4.74	37/26	0.179	4.55	46	68
ARTS8S	Silver	8	8.61	133/29	0.248	6.30	82	122
ARTS6S	Silver	6	13.6	133/27	0.300	7.62	120	178
ARTS4S	Silver	4	22	133/25	0.355	9.02	184	274

Nickel Coated Conductor

Part Number	Conductor Coating	Conductor Size		Stranding	Nominal Diameter		Approx. Weight	
		AWG	mm ²		IN	mm	#/m'	kg/km
ARTS24N	Nickel	24	.24	19/36	0.075	1.78	5.0	7.44
ARTS22N	Nickel	22	.38	19/34	0.085	2.16	6.8	10.1
ARTS20N	Nickel	20	.62	19/32	0.095	2.41	9.0	13.4
ARTS18N	Nickel	18	.96	19/30	0.110	2.79	12.8	19
ARTS16N	Nickel	16	1.23	19/29	0.125	3.17	15.9	24
ARTS14N	Nickel	14	1.94	19/27	0.143	3.63	23.2	34
ARTS12N	Nickel	12	3.08	19/25	0.160	4.06	33	49
ARTS10N	Nickel	10	4.74	37/26	0.179	4.55	46	68
ARTS8N	Nickel	8	8.61	133/29	0.248	6.30	82	122
ARTS6N	Nickel	6	13.6	133/27	0.300	7.62	120	178
ARTS4N	Nickel	4	22	133/25	0.355	9.09	184	274

Standard color is white. Other colors are available upon request. STRIPING IS ALSO AVAILABLE.

Exane® is a registered trademark RSCC Wire & Cable LLC

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