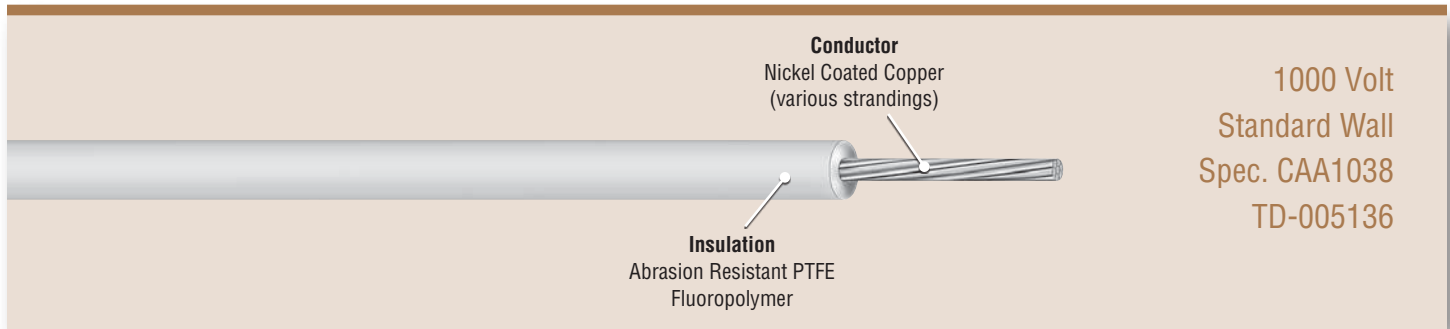




Abrasion Resistant PTFE Fluoropolymer 260°C – Transit



Features

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

Performance Standards

- Meets all requirements of MIL-W-22759/6
- Temperature rating Nickel coated copper 260°C
- Low temperature rating -65°C
- Cable is tested to 1000V requirement of MIL-W-22759/10. The insulated conductor is rated 1000V
- Passes the spread of fire and smoke emissions test requirements for low voltage wire and cable in accordance with NFPA 130-2017 Article 8.6.7.1.1 for transit vehicle application. Passes UL 1685 flame test with IEEE 1202/FT4 Flame Method and smoke measurement
- Passes the flame test requirement of 49 Code of Federal Regulations (CFR), Part 238 Appendix B, in accordance with NEMA WC 3/ICEA S-19-81, paragraph 6.19.6
- Passes the smoke test requirement of 49 Code of Federal Regulations (CFR), Part 238, Appendix B, in accordance with ASTM E662-97
- Passes Toxicity Test requirements when tested in accordance with Boeing Specification Support Standard (BSS) 7139
- Cable is approved for transit application, qualification test data is available upon request

Construction

Conductors: Nickel coated copper

Insulation: Standard wall, extruded abrasion resistant PTFE fluoropolymer

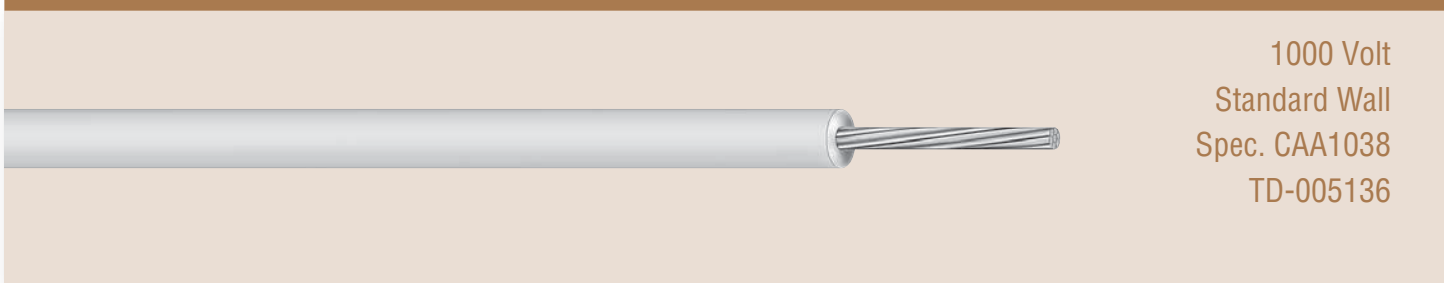
Scope

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



Marmon Engineered Wire & Cable LLC
A Berkshire Hathaway Company

Abrasion Resistant PTFE Fluoropolymer 260°C – Transit



1000 Volt
Standard Wall
Spec. CAA1038
TD-005136

Nickel Coated Conductor

Product Number	Conductor Coating	Conductor Size		Stranding	Nominal Diameter		Approx. Weight	
		(AWG)	(mm ²)		(Inch)	(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.



Marmon Engineered Wire & Cable LLC
A Berkshire Hathaway Company