

Double Insulated Wires

Rubadue Wire manufactures several double insulated wires to be used in supplementary isolation applications. Double insulated wires can be used to meet several design requirements:

- Wind bobbin wall to wall
- Meet creepage and clearance requirements
- High voltage
- Applications requiring supplementary isolation
- Leakage or loss reduction
- Reduced space, volume, weight
- Increased safety
- High speed winding capable

Double insulated wires can be manufactured in a variety of types, sizes, insulations, ratings, and colors.

Insulation	Size Range	Avg. Wall / Layer	Ins. Layers	Temp. Rating	Voltage Rating	Page
Tefzel® ETFE	30 - 40 AWG	.001"	2	155°C	600 V	19
Tefzel® ETFE	18 - 40 AWG	.0015"	2	155°C	600 V	20
Tefzel® ETFE	18 - 40 AWG	.002"	2	155°C	600 V	21
Tefzel® ETFE	10 - 40 AWG	.003"	2	155°C	600 V	22
TCA	18 - 40 AWG	.0015"	2	155°C	600 V	23
FEP	10 - 40 AWG	.002"	2	155°C	600 V	24
FEP	10 - 40 AWG	.003"	2	155°C	600 V	25
PFA	18 - 40 AWG	.0015"	2	180°C	600 V	26
PFA	18 - 40 AWG	.002"	2	180°C	600 V	27
PFA	18 - 40 AWG	.003"	2	180°C	600 V	28

<p>DuPont™ Tefzel® ETFE - Fluoropolymer compound with excellent electrical properties, heat resistance, chemical resistance, and abrasion resistance.</p>	<p>TCA - Modified ETFE - designed for more economical/efficient manufacturing. Comes standard in one color, most sizes readily available.</p>
<p>DuPont™ Teflon® FEP - Fluoropolymer compound with exceptional dielectric properties, heat resistance, chemical resistance, and flexibility.</p>	<p>DuPont™ Teflon® PFA - Fluoropolymer compound with superior heat resistance, exceptional dielectric properties, and chemical resistance.</p>

See the Technical Information section for additional information on insulation types and comparative properties.

Double Insulated DuPont™ Tefzel® ETFE .001" / Layer



Product Construction:

Size Range:
30 AWG - 40 AWG

Conductor:
Tin plated copper
Solid or stranded (ASTM B-33/
ASTM B-286)
Bare copper and other conductors
available

Insulation:
DuPont™ Tefzel® ETFE

Rating:
Temperature: 155°C
Voltage: 600 V

Applications:
Thinnest DIW on the market
Size/Safety critical supplementary isolation
Telecom

Compliances:
UL OBJT2 File No. E206198
UL 60950-1, Annex U
System approvals: UL 1446
RXT-2 Class F
TCA Class F
Other systems available upon request
RoHS Compliant

Tensile Strength: 6500 psi
Breakdown: Approx. 3000 V

PART NUMBER	AWG	CONDUCTOR		NOMINAL O.D.		WEIGHT LB/KFT
		INCHES	MM	INCHES	MM	
D30A01TXX-1	30	0.0100	0.254	0.0140	0.356	0.36
D31A01TXX-1	31	0.0089	0.226	0.0129	0.328	0.29
D32A01TXX-1	32	0.0080	0.203	0.0120	0.305	0.24
D33A01TXX-1	33	0.0071	0.180	0.0111	0.282	0.20
D34A01TXX-1	34	0.0063	0.160	0.0103	0.262	0.16
D35A01TXX-1	35	0.0056	0.142	0.0096	0.244	0.13
D36A01TXX-1	36	0.0050	0.127	0.0090	0.229	0.11
D37A01TXX-1	37	0.0045	0.114	0.0085	0.216	0.09
D38A01TXX-1	38	0.0040	0.102	0.0080	0.203	0.08
D39A01TXX-1	39	0.0035	0.089	0.0075	0.191	0.06
D40A01TXX-1	40	0.0031	0.079	0.0071	0.180	0.05

Double Insulated DuPont™ Tefzel® ETFE .0015" / Layer

Double Insulated Wires



Product Construction:

Size Range:

UL: 18 AWG - 40 AWG
 VDE: 14 AWG - 40 AWG
 Not all sizes listed in chart

Conductor:

Tin plated copper
 Solid or stranded (ASTM B-33/ASTM B-286)
 Bare copper and other conductors available

Insulation:

DuPont™ Tefzel® ETFE

Rating:

Temperature: 155°C
 Voltage:
 600 V

Applications:

Telecom/Electronic
 Supplementary isolation applications
 Medical/Dental 30-40 AWG only

Compliances:

UL OBJT2 File No. E206198
 UL/IEC 60950-1 (Ed. 2), Annex U.
 UL 60601-1 (30-40AWG) IEC 61558-2-16
 VDE License Nr. 136743: Class F
 System approvals: UL 1446
 RXT-2 Class F
 TCA Class F
 Other systems available upon request
 RoHS Compliant
 Tensile Strength: 6500 psi
 Breakdown: Approx. 4500 V

PART NUMBER	AWG	CONDUCTOR		NOMINAL O.D.		WEIGHT LB/KFT
		INCHES	MM	INCHES	MM	
D18A01TXX-1.5	18	0.0403	1.024	0.0463	1.176	5.22
D19A01TXX-1.5	19	0.0359	0.912	0.0419	1.064	4.17
D20A01TXX-1.5	20	0.0320	0.813	0.0380	0.965	3.33
D21A01TXX-1.5	21	0.0285	0.724	0.0345	0.876	2.68
D22A01TXX-1.5	22	0.0253	0.643	0.0313	0.795	2.14
D23A01TXX-1.5	23	0.0226	0.574	0.0286	0.726	1.73
D24A01TXX-1.5	24	0.0201	0.511	0.0261	0.663	1.38
D25A01TXX-1.5	25	0.0179	0.455	0.0239	0.607	1.12
D26A01TXX-1.5	26	0.0159	0.404	0.0219	0.556	0.90
D27A01TXX-1.5	27	0.0142	0.361	0.0202	0.513	0.73
D28A01TXX-1.5	28	0.0126	0.320	0.0186	0.472	0.59
D29A01TXX-1.5	29	0.0113	0.287	0.0173	0.439	0.49
D30A01TXX-1.5	30	0.0100	0.254	0.0160	0.406	0.39
D31A01TXX-1.5	31	0.0089	0.226	0.0149	0.378	0.32
D32A01TXX-1.5	32	0.0080	0.203	0.0140	0.356	0.27
D33A01TXX-1.5	33	0.0071	0.180	0.0131	0.333	0.22
D34A01TXX-1.5	34	0.0063	0.160	0.0123	0.312	0.18
D35A01TXX-1.5	35	0.0056	0.142	0.0116	0.295	0.15
D36A01TXX-1.5	36	0.0050	0.127	0.0110	0.279	0.13
D37A01TXX-1.5	37	0.0045	0.114	0.0105	0.267	0.11
D38A01TXX-1.5	38	0.0040	0.102	0.0100	0.254	0.10
D39A01TXX-1.5	39	0.0035	0.089	0.0095	0.241	0.08
D40A01TXX-1.5	40	0.0031	0.079	0.0091	0.231	0.07



Double Insulated DuPont™ Tefzel® ETFE .002" / Layer



Product Construction:

Size Range:

UL: 18 AWG - 40 AWG
 VDE: 14 AWG - 40 AWG
 Not all sizes listed in chart

Conductor:

Tin plated copper
 Solid or stranded (ASTM B-33/ASTM B-286)
 Bare copper and other conductors available

Insulation:

DuPont™ Tefzel® ETFE

Rating:

Temperature: 155°C
 Voltage:
 600 V

Applications:

Telecom/Electronic
 Supplementary isolation applications
 Medical/Dental 30-40 AWG only

Compliances:

UL OBJT2 File No. E206198
 UL/IEC 60950-1 (Ed. 2), Annex U.
 UL 60601-1 (Ed. 3), IEC 61558-2-16
 VDE License Nr. 136743: Class F
 System approvals: UL 1446
 RXT-2 Class F
 TCA Class F
 Other systems available upon request
 RoHS Compliant

Tensile Strength: 6500 psi
 Breakdown: Approx. 6000 V

Double Insulated Wires

PART NUMBER	AWG	CONDUCTOR		NOMINAL O.D.		WEIGHT LB/KFT
		INCHES	MM	INCHES	MM	
D18A01TXX-2	18	0.0403	1.024	0.0483	1.227	5.33
D19A01TXX-2	19	0.0359	0.912	0.0439	1.115	4.27
D20A01TXX-2	20	0.0320	0.813	0.0400	1.016	3.42
D21A01TXX-2	21	0.0285	0.724	0.0365	0.927	2.76
D22A01TXX-2	22	0.0253	0.643	0.0333	0.846	2.21
D23A01TXX-2	23	0.0226	0.574	0.0306	0.777	1.80
D24A01TXX-2	24	0.0201	0.511	0.0281	0.714	1.44
D25A01TXX-2	25	0.0179	0.455	0.0259	0.658	1.17
D26A01TXX-2	26	0.0159	0.404	0.0239	0.607	0.95
D27A01TXX-2	27	0.0142	0.361	0.0222	0.564	0.78
D28A01TXX-2	28	0.0126	0.320	0.0206	0.523	0.63
D29A01TXX-2	29	0.0113	0.287	0.0193	0.490	0.53
D30A01TXX-2	30	0.0100	0.254	0.0180	0.457	0.43
D31A01TXX-2	31	0.0089	0.226	0.0169	0.429	0.36
D32A01TXX-2	32	0.0080	0.203	0.0160	0.406	0.31
D33A01TXX-2	33	0.0071	0.180	0.0151	0.384	0.26
D34A01TXX-2	34	0.0063	0.160	0.0143	0.363	0.22
D35A01TXX-2	35	0.0056	0.142	0.0136	0.345	0.18
D36A01TXX-2	36	0.0050	0.127	0.0130	0.330	0.16
D37A01TXX-2	37	0.0045	0.114	0.0125	0.318	0.14
D38A01TXX-2	38	0.0040	0.102	0.0120	0.305	0.12
D39A01TXX-2	39	0.0035	0.089	0.0115	0.292	0.11
D40A01TXX-2	40	0.0031	0.079	0.0111	0.282	0.09

Double Insulated DuPont™ Tefzel® ETFE .003" / Layer

Double Insulated Wires



Product Construction:

Size Range:

UL: 10 AWG - 40 AWG
 VDE: 14 AWG - 40 AWG
 Not all sizes listed in chart

Applications:

Electronic
 Supplementary isolation applications
 Medical/Dental 30-40 AWG only

Conductor:

Tin plated copper
 Solid or stranded (ASTM B-33/ASTM B-286)
 Bare copper and other conductors available

Compliances:

UL OBJT2 File No. E206198
 UL/IEC 60950-1 (Ed. 2), Annex U.
 UL 60601-1 (Ed. 3), IEC 61558-2-16
 VDE License Nr. 40000223: Class F
 System approvals: UL 1446
 RXT-2 Class F
 TCA Class F
 Other systems available upon request
 RoHS Compliant

Insulation:

DuPont™ Tefzel® ETFE

Rating:

Temperature: 155°C
 Voltage:
 600 V

Tensile Strength: 6500 psi

Breakdown: Approx. 9000 V

PART NUMBER	AWG	CONDUCTOR		NOMINAL O.D.		WEIGHT LB/KFT
		INCHES	MM	INCHES	MM	
D10A37TXX-3	10(37/26)	0.1070	2.718	0.1190	3.023	30.45
D12A01TXX-3	12	0.0808	2.052	0.0928	2.357	21.01
D12A19TXX-3	12(19/25)	0.0862	2.189	0.0982	2.494	20.08
D14A01TXX-3	14	0.0641	1.628	0.0761	1.933	13.37
D14A19TXX-3	14(19/27)	0.0679	1.725	0.0799	2.029	12.83
D16A01TXX-3	16	0.0508	1.290	0.0628	1.595	8.60
D18A01TXX-3	18	0.0403	1.024	0.0523	1.328	5.56
D20A01TXX-3	20	0.0320	0.813	0.0440	1.118	3.62
D21A01TXX-3	21	0.0285	0.724	0.0405	1.029	2.94
D22A01TXX-3	22	0.0253	0.643	0.0373	0.947	2.37
D23A01TXX-3	23	0.0226	0.574	0.0346	0.879	1.95
D24A01TXX-3	24	0.0201	0.511	0.0321	0.815	1.58
D25A01TXX-3	25	0.0179	0.455	0.0299	0.759	1.30
D26A01TXX-3	26	0.0159	0.404	0.0279	0.709	1.07
D27A01TXX-3	27	0.0142	0.361	0.0262	0.665	0.89
D28A01TXX-3	28	0.0126	0.320	0.0246	0.625	0.74
D29A01TXX-3	29	0.0113	0.287	0.0233	0.592	0.63
D30A01TXX-3	30	0.0100	0.254	0.0220	0.559	0.53
D31A01TXX-3	31	0.0089	0.226	0.0209	0.531	0.45
D32A01TXX-3	32	0.0080	0.203	0.0200	0.508	0.39



Double Insulated FEP .002" / Layer

Double Insulated Wires



Product Construction:

Size Range:
10 AWG - 40 AWG
Not all sizes listed in chart

Conductor:
Tin plated copper
Solid or stranded (ASTM B-33/ASTM B-286)
Bare copper and other conductors available

Insulation:
FEP

Rating:
Temperature: 155°C
Voltage: 600 V

Applications:
Telecom/Electronic
Supplementary isolation applications

Compliances:
UL OBJT2 File No. E206198
UL/IEC 60950-1 (ed. 2), Annex U
VDE License Nr. 6715: Class F
System approvals: UL 1446
RXT-2 Class F
TCA Class F
Other systems available upon request
RoHS Compliant

Tensile Strength: 3000 psi
Breakdown: Approx. 6000 V

PART NUMBER	AWG	CONDUCTOR		NOMINAL O.D.		WEIGHT LB/KFT
		INCHES	MM	INCHES	MM	
D18A01FXX-2	18	0.0403	1.024	0.0483	1.227	5.45
D18A19FXX-2	18(19/30)	0.0476	1.209	0.0556	1.412	6.49
D20A01FXX-2	20	0.0320	0.813	0.0400	1.016	3.52
D20A19FXX-2	20(19/32)	0.0385	0.978	0.0465	1.181	4.26
D22A01FXX-2	22	0.0253	0.643	0.0333	0.846	2.29
D22A19FXX-2	22(19/34)	0.0295	0.749	0.0375	0.953	2.73
D24A01FXX-2	24	0.0201	0.511	0.0281	0.714	1.51
D24A19FXX-2	24(19/36)	0.0242	0.615	0.0322	0.818	1.81
D25A01FXX-2	25	0.0179	0.455	0.0259	0.658	1.23
D26A01FXX-2	26	0.0159	0.403	0.0239	0.607	1.04
D27A01FXX-2	27	0.0142	0.361	0.0222	0.564	0.83
D28A01FXX-2	28	0.0126	0.320	0.0206	0.523	0.68
D29A01FXX-2	29	0.0113	0.287	0.0193	0.490	0.57
D30A01FXX-2	30	0.0100	0.254	0.0180	0.457	0.47
D31A01FXX-2	31	0.0089	0.226	0.0169	0.429	0.39
D32A01FXX-2	32	0.0080	0.203	0.0160	0.406	0.34
D33A01FXX-2	33	0.0071	0.180	0.0151	0.384	0.29
D34A01FXX-2	34	0.0063	0.160	0.0143	0.363	0.24
D35A01FXX-2	35	0.0056	0.142	0.0136	0.345	0.21
D36A01FXX-2	36	0.0050	0.127	0.0130	0.330	0.18
D37A01FXX-2	37	0.0045	0.114	0.0125	0.318	0.16
D38A01FXX-2	38	0.0040	0.102	0.0120	0.305	0.14
D39A01FXX-2	39	0.0035	0.089	0.0115	0.292	0.13
D40A01FXX-2	40	0.0031	0.079	0.0111	0.282	0.11



Double Insulated FEP .003" / Layer



Product Construction:

Size Range:

10 AWG - 40 AWG
Not all sizes listed in chart

Applications:

Telecom/ Electronic
Supplementary isolation applications

Conductor:

Tin plated copper
Solid or stranded (ASTM B-33/ASTM B-286)
Bare copper and other conductors available

Compliances:

UL OBJT2 File No. E206198
UL/IEC 60950-1 (ed. 2), Annex U
VDE License Nr. 6715: Class F
System approvals: UL 1446
RXT-2 Class F
TCA Class F
Other systems available upon request
RoHS Compliant

Insulation:

FEP

Rating:

Temperature: 155°C
Voltage: 600 V

Tensile Strength: 3000 psi
Breakdown: Approx. 9000 V

Double Insulated Wires

PART NUMBER	AWG	CONDUCTOR		NOMINAL O.D.		WEIGHT LB/KFT
		INCHES	MM	INCHES	MM	
D10A37FXX-3	10(37/26)	0.1070	2.718	0.1190	3.023	30.91
D12A01FXX-3	12	0.0808	2.052	0.0928	2.357	21.36
D12A19FXX-3	12(19/25)	0.0862	2.189	0.0982	2.494	20.46
D14A01FXX-3	14	0.0641	1.628	0.0761	1.933	13.66
D14A19FXX-3	14(19/27)	0.0679	1.725	0.0799	2.029	13.13
D16A01FXX-3	16	0.0508	1.290	0.0628	1.595	8.83
D16A19FXX-3	16(19/29)	0.0539	1.369	0.0659	1.674	8.57
D18A01FXX-3	18	0.0403	1.024	0.0523	1.328	5.75
D18A19FXX-3	18(19/30)	0.0476	1.209	0.0596	1.514	6.83
D20A01FXX-3	20	0.0320	0.813	0.0440	1.118	3.77
D20A19FXX-3	20(19/32)	0.0385	0.978	0.0505	1.283	4.55
D22A01FXX-3	22	0.0253	0.643	0.0373	0.947	2.50
D22A19FXX-3	22(19/34)	0.0295	0.749	0.0415	1.054	2.97
D24A01FXX-3	24	0.0201	0.511	0.0321	0.815	1.69
D24A19FXX-3	24(19/36)	0.0242	0.615	0.0362	0.919	2.01
D26A01FXX-3	26	0.0159	0.404	0.0279	0.709	1.16
D26A19FXX-3	26(19/38)	0.0190	0.483	0.0310	0.787	1.34
D28A01FXX-3	28	0.0126	0.320	0.0246	0.625	0.82
D28A19FXX-3	28(19/40)	0.0152	0.386	0.0272	0.691	0.95
D30A01FXX-3	30	0.0100	0.254	0.0220	0.559	0.59
D32A01FXX-3	32	0.0080	0.203	0.0200	0.508	0.45

Double Insulated PFA .0015" / Layer

Double Insulated Wires



Product Construction:

Size Range:

UL: 18 AWG - 40 AWG

Conductor:

Tin plated copper
Solid or stranded (ASTM B-33/ASTM B-286)
Bare copper and other conductors available

Insulation:

PFA

Rating:

Temperature: 180°C
Voltage: 600 V

Applications:

Telecom/Electronic
Supplementary isolation applications
High temperature capacity (260°C)

Compliances:

UL OBJT2 File No. E206198
UL/IEC 60950-1 (Ed. 2), Annex U
IEC 61558-2-16
VDE License Nr. 6716: Class H
RoHS Compliant
System approvals: UL 1446
Information provided upon request
Tensile Strength: 3500 psi
Breakdown: Approx. 6000 V
Insulation Temperature Capacity: 260°C

PART NUMBER	AWG	CONDUCTOR		NOMINAL O.D.		WEIGHT LB/KFT
		INCHES	MM	INCHES	MM	
D18A01PXX-1.5	18	0.0403	1.024	0.0463	1.176	5.31
D19A01PXX-1.5	19	0.0359	0.912	0.0419	1.064	4.25
D20A01PXX-1.5	20	0.0320	0.813	0.0380	0.965	3.41
D21A01PXX-1.5	21	0.0285	0.724	0.0345	0.876	2.74
D22A01PXX-1.5	22	0.0253	0.643	0.0313	0.795	2.19
D23A01PXX-1.5	23	0.0226	0.574	0.0286	0.726	1.78
D24A01PXX-1.5	24	0.0201	0.511	0.0261	0.663	1.43
D25A01PXX-1.5	25	0.0179	0.455	0.0239	0.607	1.16
D26A01PXX-1.5	26	0.0159	0.404	0.0219	0.556	0.94
D27A01PXX-1.5	27	0.0142	0.361	0.0202	0.513	0.76
D28A01PXX-1.5	28	0.0126	0.320	0.0186	0.472	0.62
D29A01PXX-1.5	29	0.0113	0.287	0.0173	0.439	0.52
D30A01PXX-1.5	30	0.0100	0.254	0.0160	0.406	0.42
D31A01PXX-1.5	31	0.0089	0.226	0.0149	0.378	0.35
D32A01PXX-1.5	32	0.0080	0.203	0.0140	0.356	0.29
D33A01PXX-1.5	33	0.0071	0.180	0.0131	0.333	0.24
D34A01PXX-1.5	34	0.0063	0.160	0.0123	0.312	0.20
D35A01PXX-1.5	35	0.0056	0.142	0.0116	0.295	0.17
D36A01PXX-1.5	36	0.0050	0.127	0.0110	0.279	0.15
D37A01PXX-1.5	37	0.0045	0.114	0.0105	0.267	0.13
D38A01PXX-1.5	38	0.0040	0.102	0.0100	0.254	0.11
D39A01PXX-1.5	39	0.0035	0.089	0.0095	0.241	0.09
D40A01PXX-1.5	40	0.0031	0.079	0.0091	0.231	0.08



Double Insulated PFA .002" / Layer



Product Construction:

Size Range:

UL: 18 AWG - 40 AWG
 VDE: 14 AWG - 40 AWG
 Not all sizes listed in chart

Conductor:

Tin plated copper
 Solid or stranded (ASTM B-33/ASTM B-286)
 Bare copper and other conductors available

Insulation:

PFA

Rating:

Temperature: 180°C
 Voltage: 600 V

Applications:

Telecom/Electronic
 Supplementary isolation applications
 High temperature capacity (260°C)

Compliances:

UL OBJT2 File No. E206198
 UL/IEC 60950-1 (Ed. 2), Annex U
 IEC 61558-2-16
 VDE License Nr. 6716: Class H
 RoHS Compliant
 System approvals: UL 1446
 Information provided upon request

Tensile Strength: 3500 psi

Breakdown: Approx. 8000 V

Insulation Temperature Capacity: 260°C

Double Insulated Wires

PART NUMBER	AWG	CONDUCTOR		NOMINAL O.D.		WEIGHT LB/KFT
		INCHES	MM	INCHES	MM	
D18A01PXX-2	18	0.0403	1.024	0.0483	1.227	5.45
D19A01PXX-2	19	0.0359	0.912	0.0439	1.115	4.38
D20A01PXX-2	20	0.0320	0.813	0.0400	1.016	3.52
D21A01PXX-2	21	0.0285	0.724	0.0365	0.927	2.85
D22A01PXX-2	22	0.0253	0.643	0.0333	0.846	2.29
D23A01PXX-2	23	0.0226	0.574	0.0306	0.777	1.87
D24A01PXX-2	24	0.0201	0.511	0.0281	0.714	1.51
D25A01PXX-2	25	0.0179	0.455	0.0259	0.658	1.23
D26A01PXX-2	26	0.0159	0.404	0.0239	0.607	1.00
D27A01PXX-2	27	0.0142	0.361	0.0222	0.564	0.83
D28A01PXX-2	28	0.0126	0.320	0.0206	0.523	0.68
D29A01PXX-2	29	0.0113	0.287	0.0193	0.490	0.57
D30A01PXX-2	30	0.0100	0.254	0.0180	0.457	0.47
D31A01PXX-2	31	0.0089	0.226	0.0169	0.429	0.39
D32A01PXX-2	32	0.0080	0.203	0.0160	0.406	0.34
D33A01PXX-2	33	0.0071	0.180	0.0151	0.384	0.29
D34A01PXX-2	34	0.0063	0.160	0.0143	0.363	0.24
D35A01PXX-2	35	0.0056	0.142	0.0136	0.345	0.21
D36A01PXX-2	36	0.0050	0.127	0.0130	0.330	0.18
D37A01PXX-2	37	0.0045	0.114	0.0125	0.318	0.16
D38A01PXX-2	38	0.0040	0.102	0.0120	0.305	0.14
D39A01PXX-2	39	0.0035	0.089	0.0115	0.292	0.13
D40A01PXX-2	40	0.0031	0.079	0.0111	0.282	0.11

Double Insulated PFA .003" / Layer

Double Insulated Wires



Product Construction:

Size Range:

UL: 18 AWG - 40 AWG
 VDE: 14 AWG - 40 AWG
 Not all sizes listed in chart

Conductor:

Tin plated copper
 Solid or stranded (ASTM B-33/ASTM B-286)
 Bare copper and other conductors available

Insulation:

PFA

Rating:

Temperature: 180°C
 Voltage: 600 V

Applications:

Telecom/Electronic
 Supplementary isolation applications
 High temperature capacity (260°C)

Compliances:

UL OBJT2 File No. E206198
 UL/IEC 60950-1 (Ed. 2), Annex U
 IEC 61558-2-16
 VDE License Nr. 6716: Class H
 RoHS Compliant
 System approvals: UL 1446
 Information provided upon request

Tensile Strength: 3500 psi
 Breakdown: Approx. 10000 V
 Insulation on Temperature Capacity: 260°C

PART NUMBER	AWG	CONDUCTOR		NOMINAL O.D.		WEIGHT LB/KFT
		INCHES	MM	INCHES	MM	
D18A01PXX-3	18	0.0403	1.024	0.0523	1.328	5.75
D19A01PXX-3	19	0.0359	0.912	0.0479	1.217	4.65
D20A01PXX-3	20	0.032	0.813	0.0440	1.118	3.77
D21A01PXX-3	21	0.0285	0.724	0.0405	1.029	3.08
D22A01PXX-3	22	0.0253	0.643	0.0373	0.947	2.50
D23A01PXX-3	23	0.0226	0.574	0.0346	0.879	2.06
D24A01PXX-3	24	0.0201	0.511	0.0321	0.815	1.69
D25A01PXX-3	25	0.0179	0.455	0.0299	0.759	1.40
D26A01PXX-3	26	0.0159	0.404	0.0279	0.709	1.16
D27A01PXX-3	27	0.0142	0.361	0.0262	0.665	0.97
D28A01PXX-3	28	0.0126	0.320	0.0246	0.625	0.82
D29A01PXX-3	29	0.0113	0.287	0.0233	0.592	0.70
D30A01PXX-3	30	0.0100	0.254	0.0220	0.559	0.59
D31A01PXX-3	31	0.0089	0.226	0.0209	0.531	0.51
D32A01PXX-3	32	0.0080	0.203	0.0200	0.508	0.45
D33A01PXX-3	33	0.0071	0.180	0.0191	0.485	0.39
D34A01PXX-3	34	0.0063	0.160	0.0183	0.465	0.34
D35A01PXX-3	35	0.0056	0.142	0.0176	0.447	0.30
D36A01PXX-3	36	0.0050	0.127	0.0170	0.432	0.27
D37A01PXX-3	37	0.0045	0.114	0.0165	0.419	0.25
D38A01PXX-3	38	0.0040	0.102	0.0160	0.406	0.23
D39A01PXX-3	39	0.0035	0.089	0.0155	0.394	0.21
D40A01PXX-3	40	0.0031	0.079	0.0151	0.384	0.19

