



Anyda Wire Technolgy CO ., Ltd
东莞市安及达精密线材有限公司

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NEWind 和 Rubadue 三层绝缘线 产品对照表

	Revisions	Apprved by:			
	Rev. ECO# Date	Signature Date			
			Title: NEWind 与 Rubadue 三层绝缘线产品对照		
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NEWind 编码规则

NEWind® Part Number Explanation NEWind®

Example: W30T1.5EXXTC1A

W: NEWind® winding wire prefix

30: Conductor AWG size --- 30AWG

T: Indicating number of layers:

S -- Single layer

D -- Double layer

T -- Triple layer

1.5: Insulation thickness per layer

1.5 -- 0.0015"

2.0 -- 0.002"

3.0 -- 0.003"

E: Insulation material

E -- ETFE

F -- FEP

P -- PFA

xxx: Color code(First number is the first inner layer color)

0 -- Clear

1 -- White

2 -- Black

3 -- Red

4 -- Green

5 -- Yellow

6 -- Blue

7 -- Brown

8 -- Orange

9 -- Gray

A -- Violet

TC: Conductor material

TC: Tinned copper

NA10: Bare copper

SP: Silver plated copper

1: Number of conductors

1: Single conductor

A: Revision A

Title:

NEWind 与 Rubadue 三层绝缘线产品对照

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Rubadue 编码规则

字母象征 绝缘层数	AWG Size	导线种类	导线股数	绝缘层种类	色标	绝缘层厚度, 每层 密尔 (千分之一寸)
S - 单层 (1) 基本绝缘层 D - 双层 (2) 附加绝缘层 T - 三层 (3) 加强绝缘	线号 标准尺寸 4 AWG 至 40 AWG 绞线 = XX	A- TPC B- SPC C- BC D- SPA 135 E- Enammel H- Heavy Enamel L- Litz wire N- NPC Q- QPN S- Stainless Steel	01- 单股 07- 7股 19- 19股 37- 37股 65- 65股 绞线- #股/AWG	F- FEP H- Hytrel P- PFA PE- Polyethylene T- ETFE U- Polyurethane V- PVC Z- Special ETFE 200C EC- 300C	0- 黑 1- 棕 2- 红 3- 橙 4- 黄 5- 绿 6- 蓝 7- 紫 8- 灰 9- 白 C- 透明	-1= .001"/层 -1.5= .0015"/层 -2= .002"/层 -3= .003"/层 -5= .005"/层

举例

T	24	A	01	P	0XX	-2
三层	24 AWG	镀锡铜	单股	PFA	黑色	.002"/层(.006"总体)

举例 绞线

D	XX	L	360/44	F	6X	-3
双层	总是定义为xx	绞线	股数/AWG	FEP	蓝色	.002"/层(.006"总体)

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ETFE Insulated Conductors

Conductor Material: Solid Copper
 Insulation Thickness: 0.001" min per Layer
 Voltage Rating: Single and double layers--1000Vpk
 Triple layer--1500 Vpk

Temperature Rating: Class F(155C)
 Dielectric Strength: 1800 V/mil nominal
 Breakdown (Approx): single -- 1800 V Double -- 3600 V
 Triple -- 5400 V

Conductor		Single Insulation			Double Insulation			Triple Insulation		
AWG	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD
18	1.024	W18S1.0EXTC1A	S18A01TX-1	1.074	W18D1.0EXXTC1A	D18A01TXX-1	1.125	W18T1.0EXXTC1A	T18A01TXXX-1	1.176
19	0.912	W19S1.0EXTC1A	S19A01TX-1	0.963	W19D1.0EXXTC1A	D19A01TXX-1	1.013	W19T1.0EXXTC1A	T19A01TXXX-1	1.064
20	0.813	W20S1.0EXTC1A	S20A01TX-1	0.864	W20D1.0EXXTC1A	D20A01TXX-1	0.914	W20T1.0EXXTC1A	T20A01TXXX-1	0.965
21	0.724	W21S1.0EXTC1A	S21A01TX-1	0.775	W21D1.0EXXTC1A	D21A01TXX-1	0.826	W21T1.0EXXTC1A	T21A01TXXX-1	0.876
22	0.643	W22S1.0EXTC1A	S22A01TX-1	0.693	W22D1.0EXXTC1A	D22A01TXX-1	0.744	W22T1.0EXXTC1A	T22A01TXXX-1	0.795
23	0.574	W23S1.0EXTC1A	S23A01TX-1	0.625	W23D1.0EXXTC1A	D23A01TXX-1	0.676	W23T1.0EXXTC1A	T23A01TXXX-1	0.726
24	0.511	W24S1.0EXTC1A	S24A01TX-1	0.561	W24D1.0EXXTC1A	D24A01TXX-1	0.612	W24T1.0EXXTC1A	T24A01TXXX-1	0.663
25	0.455	W25S1.0EXTC1A	S25A01TX-1	0.505	W25D1.0EXXTC1A	D25A01TXX-1	0.556	W25T1.0EXXTC1A	T25A01TXXX-1	0.607
26	0.404	W26S1.0EXTC1A	S26A01TX-1	0.455	W26D1.0EXXTC1A	D26A01TXX-1	0.505	W26T1.0EXXTC1A	T26A01TXXX-1	0.556
27	0.361	W27S1.0EXTC1A	S27A01TX-1	0.411	W27D1.0EXXTC1A	D27A01TXX-1	0.462	W27T1.0EXXTC1A	T27A01TXXX-1	0.513
28	0.320	W28S1.0EXTC1A	S28A01TX-1	0.371	W28D1.0EXXTC1A	D28A01TXX-1	0.422	W28T1.0EXXTC1A	T28A01TXXX-1	0.472
29	0.287	W29S1.0EXTC1A	S29A01TX-1	0.338	W29D1.0EXXTC1A	D29A01TXX-1	0.389	W29T1.0EXXTC1A	T29A01TXXX-1	0.439
30	0.254	W30S1.0EXTC1A	S30A01TX-1	0.305	W30D1.0EXXTC1A	D30A01TXX-1	0.356	W30T1.0EXXTC1A	T30A01TXXX-1	0.406
31	0.226	W31S1.0EXTC1A	S31A01TX-1	0.277	W31D1.0EXXTC1A	D31A01TXX-1	0.328	W31T1.0EXXTC1A	T31A01TXXX-1	0.378
32	0.203	W32S1.0EXTC1A	S32A01TX-1	0.254	W32D1.0EXXTC1A	D32A01TXX-1	0.305	W32T1.0EXXTC1A	T32A01TXXX-1	0.356
33	0.180	W33S1.0EXTC1A	S33A01TX-1	0.231	W33D1.0EXXTC1A	D33A01TXX-1	0.282	W33T1.0EXXTC1A	T33A01TXXX-1	0.333
34	0.160	W34S1.0EXTC1A	S34A01TX-1	0.211	W34D1.0EXXTC1A	D34A01TXX-1	0.262	W34T1.0EXXTC1A	T34A01TXXX-1	0.312
35	0.142	W35S1.0EXTC1A	S35A01TX-1	0.193	W35D1.0EXXTC1A	D35A01TXX-1	0.244	W35T1.0EXXTC1A	T35A01TXXX-1	0.295
36	0.127	W36S1.0EXTC1A	S36A01TX-1	0.178	W36D1.0EXXTC1A	D36A01TXX-1	0.229	W36T1.0EXXTC1A	T36A01TXXX-1	0.279
37	0.114	W37S1.0EXTC1A	S37A01TX-1	0.165	W37D1.0EXXTC1A	D37A01TXX-1	0.216	W37T1.0EXXTC1A	T37A01TXXX-1	0.267
38	0.102	W38S1.0EXTC1A	S38A01TX-1	0.152	W38D1.0EXXTC1A	D38A01TXX-1	0.203	W38T1.0EXXTC1A	T38A01TXXX-1	0.254
39	0.089	W39S1.0EXTC1A	S39A01TX-1	0.140	W39D1.0EXXTC1A	D39A01TXX-1	0.191	W39T1.0EXXTC1A	T39A01TXXX-1	0.241
40	0.079	W40S1.0EXTC1A	S40A01TX-1	0.130	W40D1.0EXXTC1A	D40A01TXX-1	0.180	W40T1.0EXXTC1A	T40A01TXXX-1	0.231

	Color code Chart (NEWind)		Color code Chart (RUBADUE)		All OD values are provided in millimeter.				
	0-Clear	1-White 2-Black	0-Black	1-Brown 2-Red	Tolerance on OD off all Single.Double and Triple Insulated wires is +0.02/-00 mm				
	3-Red	4-Green 5-Yellow	3-Orange	4-Yellow 5-Green	To order Bare Copper Conductors replace "TC" in the above part numbers with "NA10"				
	6-Blue 7-Brown 8-Orange	6-Blue	7-Violet 8-Gray	Title			Spec.NO.	Rev.	Page
	9-Gray A--Violet	9-White	C--Clear	NEWind 与 Rubadue 三层绝缘线产品对照					5 of 13

ETFE Insulated Conductors

Conductor Material: Solid Copper
 Insulation Thickness: 0.0015" min per Layer
 Voltage Rating: Single and double layers--1000Vpk
 Triple layer--1500 Vpk

Temperature Rating: Class F(155C)
 Dielectric Strength: 1800 V/mil nominal
 Breakdown (Approx): single -- 2700 V Double -- 5400 V
 Triple -- 8100 V

Conductor		Single Insulation			Double Insulation			Triple Insulation		
AWG	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD
18	1.024	W18S1.5EXTC1A	S18A01TX-1.5	1.100	W18D1.5EXXTC1A	D18A01TXX-1.5	1.176	W18T1.5EXXXTC1A	T18A01TXXX-1.5	1.252
19	0.912	W19S1.5EXTC1A	S19A01TX-1.5	0.988	W19D1.5EXXTC1A	D19A01TXX-1.5	1.064	W19T1.5EXXXTC1A	T19A01TXXX-1.5	1.140
20	0.813	W20S1.5EXTC1A	S20A01TX-1.5	0.889	W20D1.5EXXTC1A	D20A01TXX-1.5	0.965	W20T1.5EXXXTC1A	T20A01TXXX-1.5	1.041
21	0.724	W21S1.5EXTC1A	S21A01TX-1.5	0.800	W21D1.5EXXTC1A	D21A01TXX-1.5	0.876	W21T1.5EXXXTC1A	T21A01TXXX-1.5	0.953
22	0.643	W22S1.5EXTC1A	S22A01TX-1.5	0.719	W22D1.5EXXTC1A	D22A01TXX-1.5	0.795	W22T1.5EXXXTC1A	T22A01TXXX-1.5	0.871
23	0.574	W23S1.5EXTC1A	S23A01TX-1.5	0.650	W23D1.5EXXTC1A	D23A01TXX-1.5	0.726	W23T1.5EXXXTC1A	T23A01TXXX-1.5	0.803
24	0.511	W24S1.5EXTC1A	S24A01TX-1.5	0.587	W24D1.5EXXTC1A	D24A01TXX-1.5	0.663	W24T1.5EXXXTC1A	T24A01TXXX-1.5	0.739
25	0.455	W25S1.5EXTC1A	S25A01TX-1.5	0.531	W25D1.5EXXTC1A	D25A01TXX-1.5	0.607	W25T1.5EXXXTC1A	T25A01TXXX-1.5	0.683
26	0.404	W26S1.5EXTC1A	S26A01TX-1.5	0.480	W26D1.5EXXTC1A	D26A01TXX-1.5	0.556	W26T1.5EXXXTC1A	T26A01TXXX-1.5	0.632
27	0.361	W27S1.5EXTC1A	S27A01TX-1.5	0.437	W27D1.5EXXTC1A	D27A01TXX-1.5	0.513	W27T1.5EXXXTC1A	T27A01TXXX-1.5	0.589
28	0.320	W28S1.5EXTC1A	S28A01TX-1.5	0.396	W28D1.5EXXTC1A	D28A01TXX-1.5	0.472	W28T1.5EXXXTC1A	T28A01TXXX-1.5	0.549
29	0.287	W29S1.5EXTC1A	S29A01TX-1.5	0.363	W29D1.5EXXTC1A	D29A01TXX-1.5	0.439	W29T1.5EXXXTC1A	T29A01TXXX-1.5	0.516
30	0.254	W30S1.5EXTC1A	S30A01TX-1.5	0.330	W30D1.5EXXTC1A	D30A01TXX-1.5	0.406	W30T1.5EXXXTC1A	T30A01TXXX-1.5	0.483
31	0.226	W31S1.5EXTC1A	S31A01TX-1.5	0.302	W31D1.5EXXTC1A	D31A01TXX-1.5	0.378	W31T1.5EXXXTC1A	T31A01TXXX-1.5	0.455
32	0.203	W32S1.5EXTC1A	S32A01TX-1.5	0.279	W32D1.5EXXTC1A	D32A01TXX-1.5	0.356	W32T1.5EXXXTC1A	T32A01TXXX-1.5	0.432
33	0.180	W33S1.5EXTC1A	S33A01TX-1.5	0.257	W33D1.5EXXTC1A	D33A01TXX-1.5	0.333	W33T1.5EXXXTC1A	T33A01TXXX-1.5	0.409
34	0.160	W34S1.5EXTC1A	S34A01TX-1.5	0.236	W34D1.5EXXTC1A	D34A01TXX-1.5	0.312	W34T1.5EXXXTC1A	T34A01TXXX-1.5	0.389
35	0.142	W35S1.5EXTC1A	S35A01TX-1.5	0.218	W35D1.5EXXTC1A	D35A01TXX-1.5	0.295	W35T1.5EXXXTC1A	T35A01TXXX-1.5	0.371
36	0.127	W36S1.5EXTC1A	S36A01TX-1.5	0.203	W36D1.5EXXTC1A	D36A01TXX-1.5	0.279	W36T1.5EXXXTC1A	T36A01TXXX-1.5	0.356
37	0.114	W37S1.5EXTC1A	S37A01TX-1.5	0.191	W37D1.5EXXTC1A	D37A01TXX-1.5	0.267	W37T1.5EXXXTC1A	T37A01TXXX-1.5	0.343
38	0.102	W38S1.5EXTC1A	S38A01TX-1.5	0.178	W38D1.5EXXTC1A	D38A01TXX-1.5	0.254	W38T1.5EXXXTC1A	T38A01TXXX-1.5	0.330
39	0.089	W39S1.5EXTC1A	S39A01TX-1.5	0.165	W39D1.5EXXTC1A	D39A01TXX-1.5	0.241	W39T1.5EXXXTC1A	T39A01TXXX-1.5	0.318
40	0.079	W40S1.5EXTC1A	S40A01TX-1.5	0.155	W40D1.5EXXTC1A	D40A01TXX-1.5	0.231	W40T1.5EXXXTC1A	T40A01TXXX-1.5	0.307

	Color code Chart (NEWind)		Color code Chart (RUBADUE)		All OD values are provided in millimeter.				
	0-Clear 1-White 2-Black		0-Black 1-Brown 2-Red		Tolerance on OD off all Single.Double and Triple Insulated wires is +0.02/-0.00 mm				
	3-Red 4-Green 5-Yellow		3-Orange 4-Yellow 5-Green		To order Bare Copper Conductors replace "TC" in the above part numbers with "NA10"				
6-Blue 7-Brown 8-Orange		6-Blue 7-Violet 8-Gray		Title			Spec.NO.	Rev.	Page
9-Gray A--Violet		9-White C--Clear		NEWind 与 Rubadue 三层绝缘线产品对照					6 of 13

ETFE Insulated Conductors

Conductor Material: Solid Copper
 Insulation Thickness: 0.002" min per Layer
 Voltage Rating: Single and double layers--1000Vpk
 Triple layer--1500 Vpk

Temperature Rating: Class F(155C)
 Dielectric Strength: 1800 V/mil nominal
 Breakdown (Approx): single -- 3600 V Double -- 7200 V
 Triple -- 10800 V

Conductor		Single Insulation			Double Insulation			Triple Insulation		
AWG	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD
18	1.024	W18S2.0EXXTC1A	S18A01TX-2	1.125	W18D2.0EXXTC1A	D18A01TXX-2	1.227	W18T2.0EXXTC1A	T18A01TXXX-2	1.328
19	0.912	W19S2.0EXXTC1A	S19A01TX-2	1.013	W19D2.0EXXTC1A	D19A01TXX-2	1.115	W19T2.0EXXTC1A	T19A01TXXX-2	1.217
20	0.813	W20S2.0EXXTC1A	S20A01TX-2	0.914	W20D2.0EXXTC1A	D20A01TXX-2	1.016	W20T2.0EXXTC1A	T20A01TXXX-2	1.118
21	0.724	W21S2.0EXXTC1A	S21A01TX-2	0.826	W21D2.0EXXTC1A	D21A01TXX-2	0.927	W21T2.0EXXTC1A	T21A01TXXX-2	1.029
22	0.643	W22S2.0EXXTC1A	S22A01TX-2	0.744	W22D2.0EXXTC1A	D22A01TXX-2	0.846	W22T2.0EXXTC1A	T22A01TXXX-2	0.947
23	0.574	W23S2.0EXXTC1A	S23A01TX-2	0.676	W23D2.0EXXTC1A	D23A01TXX-2	0.777	W23T2.0EXXTC1A	T23A01TXXX-2	0.879
24	0.511	W24S2.0EXXTC1A	S24A01TX-2	0.612	W24D2.0EXXTC1A	D24A01TXX-2	0.714	W24T2.0EXXTC1A	T24A01TXXX-2	0.815
25	0.455	W25S2.0EXXTC1A	S25A01TX-2	0.556	W25D2.0EXXTC1A	D25A01TXX-2	0.658	W25T2.0EXXTC1A	T25A01TXXX-2	0.759
26	0.404	W26S2.0EXXTC1A	S26A01TX-2	0.505	W26D2.0EXXTC1A	D26A01TXX-2	0.607	W26T2.0EXXTC1A	T26A01TXXX-2	0.709
27	0.361	W27S2.0EXXTC1A	S27A01TX-2	0.462	W27D2.0EXXTC1A	D27A01TXX-2	0.564	W27T2.0EXXTC1A	T27A01TXXX-2	0.665
28	0.320	W28S2.0EXXTC1A	S28A01TX-2	0.422	W28D2.0EXXTC1A	D28A01TXX-2	0.523	W28T2.0EXXTC1A	T28A01TXXX-2	0.625
29	0.287	W29S2.0EXXTC1A	S29A01TX-2	0.389	W29D2.0EXXTC1A	D29A01TXX-2	0.490	W29T2.0EXXTC1A	T29A01TXXX-2	0.592
30	0.254	W30S2.0EXXTC1A	S30A01TX-2	0.356	W30D2.0EXXTC1A	D30A01TXX-2	0.457	W30T2.0EXXTC1A	T30A01TXXX-2	0.559
31	0.226	W31S2.0EXXTC1A	S31A01TX-2	0.328	W31D2.0EXXTC1A	D31A01TXX-2	0.429	W31T2.0EXXTC1A	T31A01TXXX-2	0.531
32	0.203	W32S2.0EXXTC1A	S32A01TX-2	0.305	W32D2.0EXXTC1A	D32A01TXX-2	0.406	W32T2.0EXXTC1A	T32A01TXXX-2	0.508
33	0.180	W33S2.0EXXTC1A	S33A01TX-2	0.282	W33D2.0EXXTC1A	D33A01TXX-2	0.384	W33T2.0EXXTC1A	T33A01TXXX-2	0.485
34	0.160	W34S2.0EXXTC1A	S34A01TX-2	0.262	W34D2.0EXXTC1A	D34A01TXX-2	0.363	W34T2.0EXXTC1A	T34A01TXXX-2	0.465
35	0.142	W35S2.0EXXTC1A	S35A01TX-2	0.244	W35D2.0EXXTC1A	D35A01TXX-2	0.345	W35T2.0EXXTC1A	T35A01TXXX-2	0.447
36	0.127	W36S2.0EXXTC1A	S36A01TX-2	0.229	W36D2.0EXXTC1A	D36A01TXX-2	0.330	W36T2.0EXXTC1A	T36A01TXXX-2	0.432
37	0.114	W37S2.0EXXTC1A	S37A01TX-2	0.216	W37D2.0EXXTC1A	D37A01TXX-2	0.318	W37T2.0EXXTC1A	T37A01TXXX-2	0.419
38	0.102	W38S2.0EXXTC1A	S38A01TX-2	0.203	W38D2.0EXXTC1A	D38A01TXX-2	0.305	W38T2.0EXXTC1A	T38A01TXXX-2	0.406
39	0.089	W39S2.0EXXTC1A	S39A01TX-2	0.191	W39D2.0EXXTC1A	D39A01TXX-2	0.292	W39T2.0EXXTC1A	T39A01TXXX-2	0.394
40	0.079	W40S2.0EXXTC1A	S40A01TX-2	0.180	W40D2.0EXXTC1A	D40A01TXX-2	0.282	W40T2.0EXXTC1A	T40A01TXXX-2	0.384

	Color code Chart (NEWind)		Color code Chart (RUBADUE)		All OD values are provided in millimeter.				
	0-Clear 1-White 2-Black		0-Black 1-Brown 2-Red		Tolerance on OD off all Single.Double and Triple Insulated wires is +0.02/-0.00 mm				
	3-Red 4-Green 5-Yellow		3-Orange 4-Yellow 5-Green		To order Bare Copper Conductors replace "TC" in the above part numbers with "NA10"				
6-Blue 7-Brown 8-Orange		6-Blue 7-Violet 8-Gray		Title			Spec.NO.	Rev.	Page
9-Gray A--Violet		9-White C--Clear		NEWind 与 Rubadue 三层绝缘线产品对照					7 of 13

ETFE Insulated Conductors

Conductor Material: Solid Copper
 Insulation Thickness: 0.003" min per Layer
 Voltage Rating: Single and double layers--1000Vpk
 Triple layer--1500 Vpk

Temperature Rating: Class F(155C)
 Dielectric Strength: 1800 V/mil nominal
 Breakdown (Approx): single -- 5400 V Double -- 10800 V
 Triple -- 16200 V

Conductor		Single Insulation			Double Insulation			Triple Insulation		
AWG	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD
18	1.024	W18S3.0EXXTC1A	S18A01TX-3	1.176	W18D3.0EXXTC1A	D18A01TXX-3	1.328	W18T3.0EXXTC1A	T18A01TXXX-3	1.481
19	0.912	W19S3.0EXXTC1A	S19A01TX-3	1.064	W19D3.0EXXTC1A	D19A01TXX-3	1.217	W19T3.0EXXTC1A	T19A01TXXX-3	1.369
20	0.813	W20S3.0EXXTC1A	S20A01TX-3	0.965	W20D3.0EXXTC1A	D20A01TXX-3	1.118	W20T3.0EXXTC1A	T20A01TXXX-3	1.270
21	0.724	W21S3.0EXXTC1A	S21A01TX-3	0.876	W21D3.0EXXTC1A	D21A01TXX-3	1.029	W21T3.0EXXTC1A	T21A01TXXX-3	1.181
22	0.643	W22S3.0EXXTC1A	S22A01TX-3	0.795	W22D3.0EXXTC1A	D22A01TXX-3	0.947	W22T3.0EXXTC1A	T22A01TXXX-3	1.100
23	0.574	W23S3.0EXXTC1A	S23A01TX-3	0.726	W23D3.0EXXTC1A	D23A01TXX-3	0.879	W23T3.0EXXTC1A	T23A01TXXX-3	1.031
24	0.511	W24S3.0EXXTC1A	S24A01TX-3	0.663	W24D3.0EXXTC1A	D24A01TXX-3	0.815	W24T3.0EXXTC1A	T24A01TXXX-3	0.968
25	0.455	W25S3.0EXXTC1A	S25A01TX-3	0.607	W25D3.0EXXTC1A	D25A01TXX-3	0.759	W25T3.0EXXTC1A	T25A01TXXX-3	0.912
26	0.404	W26S3.0EXXTC1A	S26A01TX-3	0.556	W26D3.0EXXTC1A	D26A01TXX-3	0.709	W26T3.0EXXTC1A	T26A01TXXX-3	0.861
27	0.361	W27S3.0EXXTC1A	S27A01TX-3	0.513	W27D3.0EXXTC1A	D27A01TXX-3	0.665	W27T3.0EXXTC1A	T27A01TXXX-3	0.818
28	0.320	W28S3.0EXXTC1A	S28A01TX-3	0.472	W28D3.0EXXTC1A	D28A01TXX-3	0.625	W28T3.0EXXTC1A	T28A01TXXX-3	0.777
29	0.287	W29S3.0EXXTC1A	S29A01TX-3	0.439	W29D3.0EXXTC1A	D29A01TXX-3	0.592	W29T3.0EXXTC1A	T29A01TXXX-3	0.744
30	0.254	W30S3.0EXXTC1A	S30A01TX-3	0.406	W30D3.0EXXTC1A	D30A01TXX-3	0.559	W30T3.0EXXTC1A	T30A01TXXX-3	0.711
31	0.226	W31S3.0EXXTC1A	S31A01TX-3	0.378	W31D3.0EXXTC1A	D31A01TXX-3	0.531	W31T3.0EXXTC1A	T31A01TXXX-3	0.683
32	0.203	W32S3.0EXXTC1A	S32A01TX-3	0.356	W32D3.0EXXTC1A	D32A01TXX-3	0.508	W32T3.0EXXTC1A	T32A01TXXX-3	0.660
33	0.180	W33S3.0EXXTC1A	S33A01TX-3	0.333	W33D3.0EXXTC1A	D33A01TXX-3	0.485	W33T3.0EXXTC1A	T33A01TXXX-3	0.638
34	0.160	W34S3.0EXXTC1A	S34A01TX-3	0.312	W34D3.0EXXTC1A	D34A01TXX-3	0.465	W34T3.0EXXTC1A	T34A01TXXX-3	0.617
35	0.142	W35S3.0EXXTC1A	S35A01TX-3	0.295	W35D3.0EXXTC1A	D35A01TXX-3	0.447	W35T3.0EXXTC1A	T35A01TXXX-3	0.599
36	0.127	W36S3.0EXXTC1A	S36A01TX-3	0.279	W36D3.0EXXTC1A	D36A01TXX-3	0.432	W36T3.0EXXTC1A	T36A01TXXX-3	0.584
37	0.114	W37S3.0EXXTC1A	S37A01TX-3	0.267	W37D3.0EXXTC1A	D37A01TXX-3	0.419	W37T3.0EXXTC1A	T37A01TXXX-3	0.572
38	0.102	W38S3.0EXXTC1A	S38A01TX-3	0.254	W38D3.0EXXTC1A	D38A01TXX-3	0.406	W38T3.0EXXTC1A	T38A01TXXX-3	0.559
39	0.089	W39S3.0EXXTC1A	S39A01TX-3	0.241	W39D3.0EXXTC1A	D39A01TXX-3	0.394	W39T3.0EXXTC1A	T39A01TXXX-3	0.546
40	0.079	W40S3.0EXXTC1A	S40A01TX-3	0.231	W40D3.0EXXTC1A	D40A01TXX-3	0.384	W40T3.0EXXTC1A	T40A01TXXX-3	0.536

	Color code Chart (NEWind)		Color code Chart (RUBADUE)		All OD values are provided in millimeter.				
	0-Clear	1-White 2-Black	0-Black	1-Brown 2-Red	Tolerance on OD off all Single.Double and Triple Insulated wires is +0.02/-0.00 mm				
	3-Red	4-Green 5-Yellow	3-Orange	4-Yellow 5-Green	To order Bare Copper Conductors replace "TC" in the above part numbers with "NA10"				
	6-Blue	7-Brown 8-Orange	6-Blue	7-Violet 8-Gray	Title		Spec.NO.	Rev.	Page
9-Gray	A--Violet	9-White	C--Clear	NEWind 与 Rubadue 三层绝缘线产品对照				8 of 13	

FEP Insulated Conductors

Conductor Material: Solid Copper
 Insulation Thickness: 0.002" min per Layer
 Voltage Rating: Single and double layers--1000Vpk
 Triple layer--1500 Vpk

Temperature Rating: Class H(180C)
 Dielectric Strength: 2000 V/mil nominal
 Breakdown (Approx): single -- 4000 V Double -- 8000 V
 Triple -- 12000 V

Conductor		Single Insulation			Double Insulation			Triple Insulation		
AWG	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD
18	1.024	W18S2.0FXTC1A	S18A01FX-2	1.125	W18D2.0FXXTTC1A	D18A01FXX-2	1.227	W18T2.0FXXXTC1A	T18A01FXXX-2	1.328
19	0.912	W19S2.0FXTC1A	S19A01FX-2	1.013	W19D2.0FXXTTC1A	D19A01FXX-2	1.115	W19T2.0FXXXTC1A	T19A01FXXX-2	1.217
20	0.813	W20S2.0EXTC1A	S20A01FX-2	0.914	W20D2.0FXXTTC1A	D20A01FXX-2	1.016	W20T2.0FXXXTC1A	T20A01FXXX-2	1.118
21	0.724	W21S2.0FXTC1A	S21A01FX-2	0.826	W21D2.0FXXTTC1A	D21A01FXX-2	0.927	W21T2.0FXXXTC1A	T21A01FXXX-2	1.029
22	0.643	W22S2.0FXTC1A	S22A01FX-2	0.744	W22D2.0FXXTTC1A	D22A01FXX-2	0.846	W22T2.0FXXXTC1A	T22A01FXXX-2	0.947
23	0.574	W23S2.0FXTC1A	S23A01FX-2	0.676	W23D2.0FXXTTC1A	D23A01FXX-2	0.777	W23T2.0FXXXTC1A	T23A01FXXX-2	0.879
24	0.511	W24S2.0FXTC1A	S24A01FX-2	0.612	W24D2.0FXXTTC1A	D24A01FXX-2	0.714	W24T2.0FXXXTC1A	T24A01FXXX-2	0.815
25	0.455	W25S2.0FXTC1A	S25A01FX-2	0.556	W25D2.0FXXTTC1A	D25A01FXX-2	0.658	W25T2.0FXXXTC1A	T25A01FXXX-2	0.759
26	0.404	W26S2.0FXTC1A	S26A01FX-2	0.505	W26D2.0FXXTTC1A	D26A01FXX-2	0.607	W26T2.0FXXXTC1A	T26A01FXXX-2	0.709
27	0.361	W27S2.0FXTC1A	S27A01FX-2	0.462	W27D2.0FXXTTC1A	D27A01FXX-2	0.564	W27T2.0FXXXTC1A	T27A01FXXX-2	0.665
28	0.320	W28S2.0FXTC1A	S28A01FX-2	0.422	W28D2.0FXXTTC1A	D28A01FXX-2	0.523	W28T2.0FXXXTC1A	T28A01FXXX-2	0.625
29	0.287	W29S2.0FXTC1A	S29A01FX-2	0.389	W29D2.0FXXTTC1A	D29A01FXX-2	0.490	W29T2.0FXXXTC1A	T29A01FXXX-2	0.592
30	0.254	W30S2.0FXTC1A	S30A01FX-2	0.356	W30D2.0FXXTTC1A	D30A01FXX-2	0.457	W30T2.0FXXXTC1A	T30A01FXXX-2	0.559
31	0.226	W31S2.0FXTC1A	S31A01FX-2	0.328	W31D2.0FXXTTC1A	D31A01FXX-2	0.429	W31T2.0FXXXTC1A	T31A01FXXX-2	0.531
32	0.203	W32S2.0FXTC1A	S32A01FX-2	0.305	W32D2.0FXXTTC1A	D32A01FXX-2	0.406	W32T2.0FXXXTC1A	T32A01FXXX-2	0.508
33	0.180	W33S2.0FXTC1A	S33A01FX-2	0.282	W33D2.0FXXTTC1A	D33A01FXX-2	0.384	W33T2.0FXXXTC1A	T33A01FXXX-2	0.485
34	0.160	W34S2.0FXTC1A	S34A01FX-2	0.262	W34D2.0FXXTTC1A	D34A01FXX-2	0.363	W34T2.0FXXXTC1A	T34A01FXXX-2	0.465
35	0.142	W35S2.0FXTC1A	S35A01FX-2	0.244	W35D2.0FXXTTC1A	D35A01FXX-2	0.345	W35T2.0FXXXTC1A	T35A01FXXX-2	0.447
36	0.127	W36S2.0FXTC1A	S36A01FX-2	0.229	W36D2.0FXXTTC1A	D36A01FXX-2	0.330	W36T2.0FXXXTC1A	T36A01FXXX-2	0.432
37	0.114	W37S2.0FXTC1A	S37A01FX-2	0.216	W37D2.0FXXTTC1A	D37A01FXX-2	0.318	W37T2.0FXXXTC1A	T37A01FXXX-2	0.419
38	0.102	W38S2.0FXTC1A	S38A01FX-2	0.203	W38D2.0FXXTTC1A	D38A01FXX-2	0.305	W38T2.0FXXXTC1A	T38A01FXXX-2	0.406
39	0.089	W39S2.0FXTC1A	S39A01FX-2	0.191	W39D2.0FXXTTC1A	D39A01FXX-2	0.292	W39T2.0FXXXTC1A	T39A01FXXX-2	0.394
40	0.079	W40S2.0FXTC1A	S40A01FX-2	0.180	W40D2.0FXXTTC1A	D40A01FXX-2	0.282	W40T2.0FXXXTC1A	T40A01FXXX-2	0.384

Color code Chart (NEWind)	Color code Chart (RUBADUE)	All OD values are provided in millimeter.			
		Tolerance on OD off all Single.Double and Triple Insulated wires is +0.02/-0.00 mm			
		To order Bare Copper Conductors replace "TC" in the above part numbers with "NA10"			
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FEP Insulated Conductors

Conductor Material: Solid Copper
 Insulation Thickness: 0.003" min per Layer
 Voltage Rating: Single and double layers--1000Vpk
 Triple layer--1500 Vpk

Temperature Rating: Class H(180C)
 Dielectric Strength: 2000 V/mil nominal
 Breakdown (Approx): single -- 6000 V Double -- 12000 V
 Triple -- 18000 V

Conductor		Single Insulation			Double Insulation			Triple Insulation		
AWG	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD
18	1.024	W18S3.0FXTC1A	S18A01FX-3	1.176	W18D3.0FXXTTC1A	D18A01FXX-3	1.328	W18T3.0FXXXTC1A	T18A01FXXX-3	1.481
19	0.912	W19S3.0FXTC1A	S19A01FX-3	1.064	W19D3.0FXXTTC1A	D19A01FXX-3	1.217	W19T3.0FXXXTC1A	T19A01FXXX-3	1.369
20	0.813	W20S3.0FXTC1A	S20A01FX-3	0.965	W20D3.0FXXTTC1A	D20A01FXX-3	1.118	W20T3.0FXXXTC1A	T20A01FXXX-3	1.270
21	0.724	W21S3.0FXTC1A	S21A01FX-3	0.876	W21D3.0FXXTTC1A	D21A01FXX-3	1.029	W21T3.0FXXXTC1A	T21A01FXXX-3	1.181
22	0.643	W22S3.0FXTC1A	S22A01FX-3	0.795	W22D3.0FXXTTC1A	D22A01FXX-3	0.947	W22T3.0FXXXTC1A	T22A01FXXX-3	1.100
23	0.574	W23S3.0FXTC1A	S23A01FX-3	0.726	W23D3.0FXXTTC1A	D23A01FXX-3	0.879	W23T3.0FXXXTC1A	T23A01FXXX-3	1.031
24	0.511	W24S3.0FXTC1A	S24A01FX-3	0.663	W24D3.0FXXTTC1A	D24A01FXX-3	0.815	W24T3.0FXXXTC1A	T24A01FXXX-3	0.968
25	0.455	W25S3.0FXTC1A	S25A01FX-3	0.607	W25D3.0FXXTTC1A	D25A01FXX-3	0.759	W25T3.0FXXXTC1A	T25A01FXXX-3	0.912
26	0.404	W26S3.0FXTC1A	S26A01FX-3	0.556	W26D3.0FXXTTC1A	D26A01FXX-3	0.709	W26T3.0FXXXTC1A	T26A01FXXX-3	0.861
27	0.361	W27S3.0FXTC1A	S27A01FX-3	0.513	W27D3.0FXXTTC1A	D27A01FXX-3	0.665	W27T3.0FXXXTC1A	T27A01FXXX-3	0.818
28	0.320	W28S3.0FXTC1A	S28A01FX-3	0.472	W28D3.0FXXTTC1A	D28A01FXX-3	0.625	W28T3.0FXXXTC1A	T28A01FXXX-3	0.777
29	0.287	W29S3.0FXTC1A	S29A01FX-3	0.439	W29D3.0FXXTTC1A	D29A01FXX-3	0.592	W29T3.0FXXXTC1A	T29A01FXXX-3	0.744
30	0.254	W30S3.0FXTC1A	S30A01FX-3	0.406	W30D3.0FXXTTC1A	D30A01FXX-3	0.559	W30T3.0FXXXTC1A	T30A01FXXX-3	0.711
31	0.226	W31S3.0FXTC1A	S31A01FX-3	0.378	W31D3.0FXXTTC1A	D31A01FXX-3	0.531	W31T3.0FXXXTC1A	T31A01FXXX-3	0.683
32	0.203	W32S3.0FXTC1A	S32A01FX-3	0.356	W32D3.0FXXTTC1A	D32A01FXX-3	0.508	W32T3.0FXXXTC1A	T32A01FXXX-3	0.660
33	0.180	W33S3.0FXTC1A	S33A01FX-3	0.333	W33D3.0FXXTTC1A	D33A01FXX-3	0.485	W33T3.0FXXXTC1A	T33A01FXXX-3	0.638
34	0.160	W34S3.0FXTC1A	S34A01FX-3	0.312	W34D3.0FXXTTC1A	D34A01FXX-3	0.465	W34T3.0FXXXTC1A	T34A01FXXX-3	0.617
35	0.142	W35S3.0FXTC1A	S35A01FX-3	0.295	W35D3.0FXXTTC1A	D35A01FXX-3	0.447	W35T3.0FXXXTC1A	T35A01FXXX-3	0.599
36	0.127	W36S3.0FXTC1A	S36A01FX-3	0.279	W36D3.0FXXTTC1A	D36A01FXX-3	0.432	W36T3.0FXXXTC1A	T36A01FXXX-3	0.584
37	0.114	W37S3.0FXTC1A	S37A01FX-3	0.267	W37D3.0FXXTTC1A	D37A01FXX-3	0.419	W37T3.0FXXXTC1A	T37A01FXXX-3	0.572
38	0.102	W38S3.0FXTC1A	S38A01FX-3	0.254	W38D3.0FXXTTC1A	D38A01FXX-3	0.406	W38T3.0FXXXTC1A	T38A01FXXX-3	0.559
39	0.089	W39S3.0FXTC1A	S39A01FX-3	0.241	W39D3.0FXXTTC1A	D39A01FXX-3	0.394	W39T3.0FXXXTC1A	T39A01FXXX-3	0.546
40	0.079	W40S3.0FXTC1A	S40A01FX-3	0.231	W40D3.0FXXTTC1A	D40A01FXX-3	0.384	W40T3.0FXXXTC1A	T40A01FXXX-3	0.536

Color code Chart (NEWind)	Color code Chart (RUBADUE)	All OD values are provided in millimeter.			
		Tolerance on OD off all Single.Double and Triple Insulated wires is +0.02/-0.00 mm			
		To order Bare Copper Conductors replace "TC" in the above part numbers with "NA10"			
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PFA Insulated Conductors

Conductor Material: Solid Copper
 Insulation Thickness: 0.0015" min per Layer
 Voltage Rating: Single and double layers--600Vpk
 Triple layer--1500 Vpk

Temperature Rating: Class H(180C)
 Dielectric Strength: 2000 V/mil nominal
 Breakdown (Approx): single -- 3000 V Double -- 6000 V
 Triple -- 9000 V

Conductor		Single Insulation			Double Insulation			Triple Insulation		
AWG	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD
18	1.024				W18D1.5PXXTC1A	D18A01PXX-1.5	1.176	W18T1.5PXXXTC1A	T18A01PXXX-1.5	1.252
19	0.912				W19D1.5PXXTC1A	D19A01PXX-1.5	1.064	W19T1.5PXXXTC1A	T19A01PXXX-1.5	1.140
20	0.813				W20D1.5PXXTC1A	D20A01PXX-1.5	0.965	W20T1.5PXXXTC1A	T20A01PXXX-1.5	1.041
21	0.724				W21D1.5PXXTC1A	D21A01PXX-1.5	0.876	W21T1.5PXXXTC1A	T21A01PXXX-1.5	0.953
22	0.643				W22D1.5PXXTC1A	D22A01PXX-1.5	0.795	W22T1.5PXXXTC1A	T22A01PXXX-1.5	0.871
23	0.574				W23D1.5PXXTC1A	D23A01PXX-1.5	0.726	W23T1.5PXXXTC1A	T23A01PXXX-1.5	0.803
24	0.511				W24D1.5PXXTC1A	D24A01PXX-1.5	0.663	W24T1.5PXXXTC1A	T24A01PXXX-1.5	0.739
25	0.455				W25D1.5PXXTC1A	D25A01PXX-1.5	0.607	W25T1.5PXXXTC1A	T25A01PXXX-1.5	0.683
26	0.404				W26D1.5PXXTC1A	D26A01PXX-1.5	0.556	W26T1.5PXXXTC1A	T26A01PXXX-1.5	0.632
27	0.361				W27D1.5PXXTC1A	D27A01PXX-1.5	0.513	W27T1.5PXXXTC1A	T27A01PXXX-1.5	0.589
28	0.320	W28S1.5PXTTC1A	S28A01PX-1.5	0.396	W28D1.5PXXTC1A	D28A01PXX-1.5	0.472	W28T1.5PXXXTC1A	T28A01PXXX-1.5	0.549
29	0.287	W29S1.5PXTTC1A	S29A01PX-1.5	0.363	W29D1.5PXXTC1A	D29A01PXX-1.5	0.439	W29T1.5PXXXTC1A	T29A01PXXX-1.5	0.516
30	0.254	W30S1.5PXTTC1A	S30A01PX-1.5	0.330	W30D1.5PXXTC1A	D30A01PXX-1.5	0.406	W30T1.5PXXXTC1A	T30A01PXXX-1.5	0.483
31	0.226	W31S1.5PXTTC1A	S31A01PX-1.5	0.302	W31D1.5PXXTC1A	D31A01PXX-1.5	0.378	W31T1.5PXXXTC1A	T31A01PXXX-1.5	0.455
32	0.203	W32S1.5PXTTC1A	S32A01PX-1.5	0.279	W32D1.5PXXTC1A	D32A01PXX-1.5	0.356	W32T1.5PXXXTC1A	T32A01PXXX-1.5	0.432
33	0.180	W33S1.5PXTTC1A	S33A01PX-1.5	0.257	W33D1.5PXXTC1A	D33A01PXX-1.5	0.333	W33T1.5PXXXTC1A	T33A01PXXX-1.5	0.409
34	0.160	W34S1.5PXTTC1A	S34A01PX-1.5	0.236	W34D1.5PXXTC1A	D34A01PXX-1.5	0.312	W34T1.5PXXXTC1A	T34A01PXXX-1.5	0.389
35	0.142	W35S1.5PXTTC1A	S35A01PX-1.5	0.218	W35D1.5PXXTC1A	D35A01PXX-1.5	0.295	W35T1.5PXXXTC1A	T35A01PXXX-1.5	0.371
36	0.127	W36S1.5PXTTC1A	S36A01PX-1.5	0.203	W36D1.5PXXTC1A	D36A01PXX-1.5	0.279	W36T1.5PXXXTC1A	T36A01PXXX-1.5	0.356
37	0.114	W37S1.5PXTTC1A	S37A01PX-1.5	0.191	W37D1.5PXXTC1A	D37A01PXX-1.5	0.267	W37T1.5PXXXTC1A	T37A01PXXX-1.5	0.343
38	0.102	W38S1.5PXTTC1A	S38A01PX-1.5	0.178	W38D1.5PXXTC1A	D38A01PXX-1.5	0.254	W38T1.5PXXXTC1A	T38A01PXXX-1.5	0.330
39	0.089	W39S1.5PXTTC1A	S39A01PX-1.5	0.165	W39D1.5PXXTC1A	D39A01PXX-1.5	0.241	W39T1.5PXXXTC1A	T39A01PXXX-1.5	0.318
40	0.079	W40S1.5PXTTC1A	S40A01PX-1.5	0.155	W40D1.5PXXTC1A	D40A01PXX-1.5	0.231	W40T1.5PXXXTC1A	T40A01PXXX-1.5	0.307

Color code Chart (NEWind)		Color code Chart (RUBADUE)		All OD values are provided in millimeter.						
0-Clear 1-White 2-Black		0-Black 1-Brown 2-Red		Tolerance on OD off all Single.Double and Triple Insulated wires is +0.02/-00 mm						
3-Red 4-Green 5-Yellow		3-Orange 4-Yellow 5-Green		To order Bare Copper Conductors replace "TC" in the above part numbers with "NA10"						
6-Blue 7-Brown 8-Orange		6-Blue 7-Violet 8-Gray		Title		Spec.NO.		Rev.		Page
9-Gray A--Violet		9-White C--Clear		NEWind 与 Rubadue 三层绝缘线产品对照						11 of 13

PFA Insulated Conductors

Conductor Material: Solid Copper
 Insulation Thickness: 0.002" min per Layer
 Voltage Rating: Single and double layers--600Vpk
 Triple layer--1500 Vpk

Temperature Rating: Class H(180C)
 Dielectric Strength: 2000 V/mil nominal
 Breakdown (Approx): single -- 4000 V Double -- 8000 V
 Triple -- 12000 V

Conductor		Single Insulation			Double Insulation			Triple Insulation		
AWG	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD
18	1.024	W18S2.0PXTTC1A	S18A01PX-2	1.125	W18D2.0PXXTC1A	D18A01PXX-2	1.227	W18T2.0PXXXTC1A	T18A01PXXX-2	1.328
19	0.912	W19S2.0PXTTC1A	S19A01PX-2	1.013	W19D2.0PXXTC1A	D19A01PXX-2	1.115	W19T2.0PXXXTC1A	T19A01PXXX-2	1.217
20	0.813	W20S2.0PXTTC1A	S20A01PX-2	0.914	W20D2.0PXXTC1A	D20A01PXX-2	1.016	W20T2.0PXXXTC1A	T20A01PXXX-2	1.118
21	0.724	W21S2.0PXTTC1A	S21A01PX-2	0.826	W21D2.0PXXTC1A	D21A01PXX-2	0.927	W21T2.0PXXXTC1A	T21A01PXXX-2	1.029
22	0.643	W22S2.0PXTTC1A	S22A01PX-2	0.744	W22D2.0PXXTC1A	D22A01PXX-2	0.846	W22T2.0PXXXTC1A	T22A01PXXX-2	0.947
23	0.574	W23S2.0PXTTC1A	S23A01PX-2	0.676	W23D2.0PXXTC1A	D23A01PXX-2	0.777	W23T2.0PXXXTC1A	T23A01PXXX-2	0.879
24	0.511	W24S2.0PXTTC1A	S24A01PX-2	0.612	W24D2.0PXXTC1A	D24A01PXX-2	0.714	W24T2.0PXXXTC1A	T24A01PXXX-2	0.815
25	0.455	W25S2.0PXTTC1A	S25A01PX-2	0.556	W25D2.0PXXTC1A	D25A01PXX-2	0.658	W25T2.0PXXXTC1A	T25A01PXXX-2	0.759
26	0.404	W26S2.0PXTTC1A	S26A01PX-2	0.505	W26D2.0PXXTC1A	D26A01PXX-2	0.607	W26T2.0PXXXTC1A	T26A01PXXX-2	0.709
27	0.361	W27S2.0PXTTC1A	S27A01PX-2	0.462	W27D2.0PXXTC1A	D27A01PXX-2	0.564	W27T2.0PXXXTC1A	T27A01PXXX-2	0.665
28	0.320	W28S2.0PXTTC1A	S28A01PX-2	0.422	W28D2.0PXXTC1A	D28A01PXX-2	0.523	W28T2.0PXXXTC1A	T28A01PXXX-2	0.625
29	0.287	W29S2.0PXTTC1A	S29A01PX-2	0.389	W29D2.0PXXTC1A	D29A01PXX-2	0.490	W29T2.0PXXXTC1A	T29A01PXXX-2	0.592
30	0.254	W30S2.0PXTTC1A	S30A01PX-2	0.356	W30D2.0PXXTC1A	D30A01PXX-2	0.457	W30T2.0PXXXTC1A	T30A01PXXX-2	0.559
31	0.226	W31S2.0PXTTC1A	S31A01PX-2	0.328	W31D2.0PXXTC1A	D31A01PXX-2	0.429	W31T2.0PXXXTC1A	T31A01PXXX-2	0.531
32	0.203	W32S2.0PXTTC1A	S32A01PX-2	0.305	W32D2.0PXXTC1A	D32A01PXX-2	0.406	W32T2.0PXXXTC1A	T32A01PXXX-2	0.508
33	0.180	W33S2.0PXTTC1A	S33A01PX-2	0.282	W33D2.0PXXTC1A	D33A01PXX-2	0.384	W33T2.0PXXXTC1A	T33A01PXXX-2	0.485
34	0.160	W34S2.0PXTTC1A	S34A01PX-2	0.262	W34D2.0PXXTC1A	D34A01PXX-2	0.363	W34T2.0PXXXTC1A	T34A01PXXX-2	0.465
35	0.142	W35S2.0PXTTC1A	S35A01PX-2	0.244	W35D2.0PXXTC1A	D35A01PXX-2	0.345	W35T2.0PXXXTC1A	T35A01PXXX-2	0.447
36	0.127	W36S2.0PXTTC1A	S36A01PX-2	0.229	W36D2.0PXXTC1A	D36A01PXX-2	0.330	W36T2.0PXXXTC1A	T36A01PXXX-2	0.432
37	0.114	W37S2.0PXTTC1A	S37A01PX-2	0.216	W37D2.0PXXTC1A	D37A01PXX-2	0.318	W37T2.0PXXXTC1A	T37A01PXXX-2	0.419
38	0.102	W38S2.0PXTTC1A	S38A01PX-2	0.203	W38D2.0PXXTC1A	D38A01PXX-2	0.305	W38T2.0PXXXTC1A	T38A01PXXX-2	0.406
39	0.089	W39S2.0PXTTC1A	S39A01PX-2	0.191	W39D2.0PXXTC1A	D39A01PXX-2	0.292	W39T2.0PXXXTC1A	T39A01PXXX-2	0.394
40	0.079	W40S2.0PXTTC1A	S40A01PX-2	0.180	W40D2.0PXXTC1A	D40A01PXX-2	0.282	W40T2.0PXXXTC1A	T40A01PXXX-2	0.384

Color code Chart (NEWind)	Color code Chart (RUBADUE)	All OD values are provided in millimeter.			
		Tolerance on OD off all Single.Double and Triple Insulated wires is +0.02/-0.00 mm			
		To order Bare Copper Conductors replace "TC" in the above part numbers with "NA10"			
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PFA Insulated Conductors

Conductor Material: Solid Copper
 Insulation Thickness: 0.003" min per Layer
 Voltage Rating: Single and double layers--600Vpk
 Triple layer--1500 Vpk

Temperature Rating: Class H(180C)
 Dielectric Strength: 2000 V/mil nominal
 Breakdown (Approx): single -- 6000 V Double -- 12000 V
 Triple -- 18000 V

Conductor		Single Insulation			Double Insulation			Triple Insulation		
AWG	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD	NEWind P/N	Rubadue P/N	OD
18	1.024	W18S3.0PXTTC1A	S18A01PX-3	1.176	W18D3.0PXXTC1A	D18A01PXX-3	1.328	W18T3.0PXXXTC1A	T18A01PXXX-3	1.481
19	0.912	W19S3.0PXTTC1A	S19A01PX-3	1.064	W19D3.0PXXTC1A	D19A01PXX-3	1.217	W19T3.0PXXXTC1A	T19A01PXXX-3	1.369
20	0.813	W20S3.0PXTTC1A	S20A01PX-3	0.965	W20D3.0PXXTC1A	D20A01PXX-3	1.118	W20T3.0PXXXTC1A	T20A01PXXX-3	1.270
21	0.724	W21S3.0PXTTC1A	S21A01PX-3	0.876	W21D3.0PXXTC1A	D21A01PXX-3	1.029	W21T3.0PXXXTC1A	T21A01PXXX-3	1.181
22	0.643	W22S3.0PXTTC1A	S22A01PX-3	0.795	W22D3.0PXXTC1A	D22A01PXX-3	0.947	W22T3.0PXXXTC1A	T22A01PXXX-3	1.100
23	0.574	W23S3.0PXTTC1A	S23A01PX-3	0.726	W23D3.0PXXTC1A	D23A01PXX-3	0.879	W23T3.0PXXXTC1A	T23A01PXXX-3	1.031
24	0.511	W24S3.0PXTTC1A	S24A01PX-3	0.663	W24D3.0PXXTC1A	D24A01PXX-3	0.815	W24T3.0PXXXTC1A	T24A01PXXX-3	0.968
25	0.455	W25S3.0PXTTC1A	S25A01PX-3	0.607	W25D3.0PXXTC1A	D25A01PXX-3	0.759	W25T3.0PXXXTC1A	T25A01PXXX-3	0.912
26	0.404	W26S3.0PXTTC1A	S26A01PX-3	0.556	W26D3.0PXXTC1A	D26A01PXX-3	0.709	W26T3.0PXXXTC1A	T26A01PXXX-3	0.861
27	0.361	W27S3.0PXTTC1A	S27A01PX-3	0.513	W27D3.0PXXTC1A	D27A01PXX-3	0.665	W27T3.0PXXXTC1A	T27A01PXXX-3	0.818
28	0.320	W28S3.0PXTTC1A	S28A01PX-3	0.472	W28D3.0PXXTC1A	D28A01PXX-3	0.625	W28T3.0PXXXTC1A	T28A01PXXX-3	0.777
29	0.287	W29S3.0PXTTC1A	S29A01PX-3	0.439	W29D3.0PXXTC1A	D29A01PXX-3	0.592	W29T3.0PXXXTC1A	T29A01PXXX-3	0.744
30	0.254	W30S3.0PXTTC1A	S30A01PX-3	0.406	W30D3.0PXXTC1A	D30A01PXX-3	0.559	W30T3.0PXXXTC1A	T30A01PXXX-3	0.711
31	0.226	W31S3.0PXTTC1A	S31A01PX-3	0.378	W31D3.0PXXTC1A	D31A01PXX-3	0.531	W31T3.0PXXXTC1A	T31A01PXXX-3	0.683
32	0.203	W32S3.0PXTTC1A	S32A01PX-3	0.356	W32D3.0PXXTC1A	D32A01PXX-3	0.508	W32T3.0PXXXTC1A	T32A01PXXX-3	0.660
33	0.180	W33S3.0PXTTC1A	S33A01PX-3	0.333	W33D3.0PXXTC1A	D33A01PXX-3	0.485	W33T3.0PXXXTC1A	T33A01PXXX-3	0.638
34	0.160	W34S3.0PXTTC1A	S34A01PX-3	0.312	W34D3.0PXXTC1A	D34A01PXX-3	0.465	W34T3.0PXXXTC1A	T34A01PXXX-3	0.617
35	0.142	W35S3.0PXTTC1A	S35A01PX-3	0.295	W35D3.0PXXTC1A	D35A01PXX-3	0.447	W35T3.0PXXXTC1A	T35A01PXXX-3	0.599
36	0.127	W36S3.0PXTTC1A	S36A01PX-3	0.279	W36D3.0PXXTC1A	D36A01PXX-3	0.432	W36T3.0PXXXTC1A	T36A01PXXX-3	0.584
37	0.114	W37S3.0PXTTC1A	S37A01PX-3	0.267	W37D3.0PXXTC1A	D37A01PXX-3	0.419	W37T3.0PXXXTC1A	T37A01PXXX-3	0.572
38	0.102	W38S3.0PXTTC1A	S38A01PX-3	0.254	W38D3.0PXXTC1A	D38A01PXX-3	0.406	W38T3.0PXXXTC1A	T38A01PXXX-3	0.559
39	0.089	W39S3.0PXTTC1A	S39A01PX-3	0.241	W39D3.0PXXTC1A	D39A01PXX-3	0.394	W39T3.0PXXXTC1A	T39A01PXXX-3	0.546
40	0.079	W40S3.0PXTTC1A	S40A01PX-3	0.231	W40D3.0PXXTC1A	D40A01PXX-3	0.384	W40T3.0PXXXTC1A	T40A01PXXX-3	0.536

Color code Chart (NEWind)	Color code Chart (RUBADUE)	All OD values are provided in millimeter.			
		Tolerance on OD off all Single.Double and Triple Insulated wires is +0.02/-0.00 mm			
		To order Bare Copper Conductors replace "TC" in the above part numbers with "NA10"			
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