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# Certification Record

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CUSTOMER	CLASS	FILE NUMBER
Northwire Incorporated 110 Prospect Way, Osceola Wisconsin United States 54020	<a href="#">5831-01 (.../class/?class=5831-01)</a> WIRES-Flexible Cord	030875_0_000

TO THE REQUIREMENTS OF CSA STANDARD C22.2 NO 49-14:

Type	Max Voltage (V)	Size of Conductors (AWG)	Number of Conductors	Insulation Type	Jacket Type	Notes
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**Max temperature rating 60°C:**

PXT	125	20	2	PVC	-	1, 2
SVT	300	18-16	2, 3	PVC	PVC	1, 2, 4, 5, 6
SVT	300	18-16	2, 3	PVC	PVC	1, 2, 5, 6
SJT, SJTW	300	18-10	2-6	PVC	PVC	1, 2, 4, 5, 6
ST, STW	600	18-2	2 or more	PVC	PVC	1, 2, 4, 6

**Max temperature rating 60°C, 75°C, 90°C:**

SVT, SVTO	300	18-16	2, 3	PVC	PVC	1, 5, 6
SVT, SVTO	300	18-16	2, 3	PVC	PVC	1, 2, 5, 6
SJT, SJTO, SJTW, SJTOW	300	18-10	2-6	PVC	PVC	1, 2, 5, 6
SJT, SJTO, SJTOO, SJTW, SJTOW, SJTOOW	300	18-10	2-6	PVC	PVC	1, 2, 5, 6

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**Max temperature rating 60°C, 75°C, 90°C, 105°C:**

NISPT-1	300	20, 18	2	PVC	PVC	1, 2, 4, 6, 9
NISPT-2	300	18, 16	2	PVC	PVC	1, 2, 4, 6, 9
SPT-1	300	20, 18	2, 3	PVC	-	2, 6, 8
SPT-2	300	18, 16	2, 3	PVC	-	2, 6, 8
SPT-3	300	18-10	2, 3	PVC	-	1, 2, 6, 7
SVT, SVTO	300	18-16	2, 3	PVC	PVC	1, 2, 4, 5, 6
SVT, SVTO	300	18-16	2, 3	PVC	PVC	1, 2, 5, 6
SVT-B	300	18-16	2, 3	PVC	PVC	1, 2
SVT	300	18-16	2, 3	PVC	PVC	2, 3, 5, 6
SJT	300	18-10	2-6	PVC	PVC	1, 2, 4, 5, 6
SJT	300	18-10	2-6	PVC	PVC	2, 3, 5
SJTO, SJTOW	300	18-10	2-6	PVC	PVC	1, 2, 4, 5, 6
SJT, SJTO, SJTW, SJTOW	300	18-10	2-6	PVC	PVC	1, 2, 4, 5, 6

SJT, SJTO, SJTOO, SJTW, SJTOW, SJTOOW	300	18-10	2-6	PVC	PVC	1, 2, 4, 5, 6
SJT-B	300	18-10	2-6	PVC	PVC	1, 2
ST	600	18-2	2 or more	PVC	PVC	1, 2, 4, 6
STO, STOW	600	18-2	2 or more	PVC	PVC	1, 2, 4, 6
ST, STO, STW, STOW	600	18-2	2 or more	PVC	PVC	1, 2, 6
ST, STO, STOO, STW, STOW, STOOW	600	18-2	2 or more	PVC	PVC	1, 2, 6
ST, STO, STW, STOW	600	18-2	2 or more	PVC	PVC	1, 2, 4, 6
ST, STO, STOO, STW, STOW, STOOW	600	18-2	2 or more	PVC	PVC	1, 2, 4, 6
ST, STO, STOO, STW, STOW, STOOW	600	18-2	2-6	PVC	PVC	2,4,6,17,18,19
SJTW, SJTOW, SJTOOW	300	18-10	2-6	PVC	PVC	1, 2, 6, 16
STW STOW, STOOW	600	18-2	2 or more	PVC	PVC	1, 2, 6, 16
SJT, SJTO	300	16-10	3	PE	PVC	1, 4, 12

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ST, STO	600	16-10	3	PE	PVC	1, 4, 12
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## Mac temperature rating 90°C:

SJE, SJEO, SJEW, SJEOW	300	18-10	2-6	TPE	TPE	2, 15, 17, 18
SE, SEO, SEW, SEOW	600	18-2	2 or more	TPE	TPE	2, 15, 17, 18

## Max temperature rating 90°C, 105°C:

SVE, SVEO	300	18-16	2, 3	TPE	TPE	1, 2, 6
SVE, SVEO	300	18-16	2, 3	TPE	TPE	1, 2
SJE, SJEO, SJEOO	300	18-10	2-6	TPE	TPE	1, 2, 4, 6
SJE, SJEO	300	18-10	2-6	TPE	TPE	1, 2, 6
SJEW, SJEOW, SJEOWW	300	18-10	2-6	TPE	TPE	1, 2, 4, 6, 15
SJE, SJEO, SJEOO, SJEW, SJEOW, SJEOWW	300	18-10	2-6	TPE	TPE	1, 2, 6, 15
SE, SEO, SEOO	600	18-2	2 or more	TPE	TPE	1, 2, 4, 6
SE, SEO	600	18-2	2 or more	TPE	TPE	1, 2, 6
SEW, SEOW, SEOWW	600	18-2	2 or more	TPE	TPE	1, 2, 4, 6, 15

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SE, SEO, SEOO, SEW, SEOW, SEOOW	600	18-2	2 or more	TPE	TPE	1, 2, 6, 15
SJEW, SJEW, SJEW	300	18-10	2-6	TPE	TPE	1, 2, 15
SJE, SJEO, SJEOO, SJEW, SJEW, SJEW	300	18-10	2-6	TPE	TPE	1, 2, 15
SEW, SEOW, SEOOW	600	18-2	2 or more	TPE	TPE	1, 2, 15
SE, SEO, SEOO, SEW, SEOW, SEOOW	600	18-2	2 or more	TPE	TPE	1, 2, 15

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Notes:

1. In all colours except clear and translucent.
2. Flame classification - FT2.
3. Jacket in clear colour only.
4. Flame classification - VW-1.
5. Types SVT, SVTO, SJT and SJTO, in wires 18-16AWG, may have an aramid fiber strength member centered in the conductors for 2-conductor construction.
6. Flame classification - FT1.
7. Insulation type for bonding (grounding) conductor may be PVC.
8. In all colours including clear and translucent.
9. Non-integral construction.
10. Insulation type for bonding (grounding) conductor may be TPE.
11. Clear and translucent jackets where used on Types SVT, SJT, ST are flame classified FT2. Refer to Report for applicable types.
12. Low leakage current cord with PE/Nylon filters in 3 conductor constructions.
13. Jacketed flexible cords may utilize FT4 classified jacket materials.
14. Service cords, rated 105°C may be alternately marked 90°C.
15. Low temperature rating "-50°C", for "W" types only.
16. Low temperature rating "-40°C".
17. Jacket in black colour only.
18. Insulation in all colours except clear and translucent.
19. Flame classification - FT4.

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