

WESTERN CABLE CORPORATION

888-805-0355 RIVERSIDE CALIF

NON-IRRADIATED POLYOLEFIN HEAT SHRINK - FLEXIBLE

| | | |
|-------------------------|------------------|----------------------|
| Shrinkage ratio: | 50% (2:1) @ 121C | UL 224 VW-1 (colors) |
| Longitudinal shrinkage: | +/- 10% Min | CSA OFT (colors) |
| Operating temp range: | -35C to +105C | Mil-I-23053/2 CL2 |
| Dielectric strength: | 1,083V/mil | ASTM D 3150 |
| UL Rating: | 600V @ 105C | |
| Specific gravity: | 1.33 Max. | |
| Tensile strength: | 2,500 psi | |
| Ultimate elongation: | 300% Min | |

| Part No. | Size Inches | Expanded ID - Inches | Recovered ID - Inches | Recovered Wall - Inches | Put Ups | |
|-------------|----------------|-------------------------|--------------------------|----------------------------|------------|-----------|
| | | | | | 4Ft Sticks | Spools |
| ST100-1/16 | 1/16 | 0.063 | 0.031 | 0.020 | NO | 100, 1000 |
| ST100-3/32 | 3/32 | 0.093 | 0.046 | 0.025 | NO | 100, 1000 |
| ST100-1/8 | 1/8 | 0.125 | 0.063 | 0.025 | NO | 100, 1000 |
| ST100-3/16 | 3/16 | 0.187 | 0.093 | 0.025 | NO | 100, 1000 |
| ST100-1/4 | 1/4 | 0.250 | 0.125 | 0.025 | NO | 100, 1000 |
| ST100-3/8 | 3/8 | 0.375 | 0.187 | 0.025 | NO | 100, 1000 |
| ST100-1/2 | 1/2 | 0.500 | 0.250 | 0.025 | NO | 100, 250 |
| ST100-3/4 | 3/4 | 0.750 | 0.375 | 0.033 | NO | 100, 250 |
| ST100-1 | 1 | 1.000 | 0.500 | 0.038 | NO | 100, 250 |
| ST100-1 1/2 | 1-1/2 | 1.500 | 0.750 | 0.045 | NO | 100 |
| ST100-2 | 2 | 2.000 | 1.000 | 0.045 | NO | 100 |

Available Colors: Black and Clear

Storage Note: Tubing should be stored below 80C away from direct sunlight



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WESTERN CABLE CORPORATION

888-805-0355 RIVERSIDE CALIFORNIA

IRRADIATED POLYOLEFIN - FLEXIBLE (2 TO 1 Ratio)

| | | |
|--------------------------------|------------------|---|
| Shrinkage ratio: | 50% (2:1) @ 121C | UL 224 VW-1 (colors) |
| Longitudinal shrinkage: | +/- 5% Max | CSA OFT (colors) |
| Operating temp range: | -55C to +135C | Mil-DTL-23053/5 CL1 (Colors) |
| Dielectric strength: | 800V/mil | Mil-DTL-23053/5 CL2 (Clear Only) |
| UL Rating: | 600V @ 125C | AMS-3636B (colors) |
| Specific gravity: | 1.35 Max. | AMS 3637B (clear) |
| Tensile strength: | 2,400 psi | |
| Ultimate elongation: | 200% Min | |

| Part No. | Size Inches | Expanded ID - Inches | Recovered ID - Inches | Recovered Wall - Inches | Put Ups | |
|-------------|-------------|----------------------|-----------------------|-------------------------|------------|-----------|
| | | | | | 4Ft Sticks | Spools |
| ST221-3/64 | 3/64 | 0.046 | 0.023 | 0.016 | Yes | 100, 1000 |
| ST221-1/16 | 1/16 | 0.063 | 0.031 | 0.017 | Yes | 100, 1000 |
| ST221-3/32 | 3/32 | 0.093 | 0.046 | 0.020 | Yes | 100, 500 |
| ST221-1/8 | 1/8 | 0.125 | 0.063 | 0.020 | Yes | 100, 500 |
| ST221-3/16 | 3/16 | 0.187 | 0.093 | 0.020 | Yes | 100, 200 |
| ST221-1/4 | 1/4 | 0.250 | 0.125 | 0.025 | Yes | 100, 200 |
| ST221-3/8 | 3/8 | 0.375 | 0.187 | 0.025 | Yes | 100, 200 |
| ST221-1/2 | 1/2 | 0.500 | 0.250 | 0.025 | Yes | 200 |
| ST221-3/4 | 3/4 | 0.750 | 0.375 | 0.030 | Yes | 200 |
| ST221-1 | 1 | 1.000 | 0.500 | 0.035 | Yes | 200 |
| ST221-1 1/2 | 1-1/2 | 1.500 | 0.750 | 0.040 | Yes | 100 |
| ST221-2 | 2 | 2.000 | 1.000 | 0.045 | Yes | 100 |
| ST221-3 | 3 | 3.000 | 1.500 | 0.050 | Yes | 100 |
| ST221-4 | 4 | 4.000 | 2.000 | 0.055 | Yes | 50 |

Available Colors: Black, White, Red, Yellow, Blue, Green (1/16 to 1" only)

No flammability UL recognition or CSA certification on Clear

Material supplied with UL/CSA Labels

3:1 and 4:1 Shrink Ratios available. Call us for more information.



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WESTERN CABLE CORPORATION

888-805-0355 RIVERSIDE CALIFORNIA

IRRADIATED POLYOLEFIN - FLEXIBLE ADHESIVE LINED (2 TO 1 RATIO)

| | | |
|--------------------------------|------------------|----------------------------|
| Shrinkage ratio: | 50% (2:1) @ 121C | UL recognized |
| Longitudinal shrinkage: | -5% Max | CSA Listed |
| Operating temp range: | -55C to +110C | Mil-DTL-23053/4 CL2 |
| Dielectric strength: | 800V/mil | |
| UL Rating: | 600V @ 125C | |
| Specific gravity: | 1.2 Min. | |
| Tensile strength: | 2,100 psi | |
| Ultimate elongation: | 300% Min | |
| Water Absorption: | 0.3% Max | |

| Part No. | Size Inches | Expanded ID - Inches | Recovered ID - Inches | Recovered Wall - Inches | Put Ups | |
|-------------|----------------|-------------------------|--------------------------|----------------------------|------------|----------|
| | | | | | 4Ft Sticks | Spools |
| ST302-1/8 | 1/8 | 0.125 | 0.063 | 0.020 | Yes | 100, 500 |
| ST302-3/16 | 3/16 | 0.187 | 0.093 | 0.020 | Yes | 100, 200 |
| ST302-1/4 | 1/4 | 0.250 | 0.125 | 0.025 | Yes | 100, 200 |
| ST302-3/8 | 3/8 | 0.375 | 0.187 | 0.025 | Yes | 100, 200 |
| ST302-1/2 | 1/2 | 0.500 | 0.250 | 0.025 | Yes | 200 |
| ST302-3/4 | 3/4 | 0.750 | 0.375 | 0.030 | Yes | 200 |
| ST302-1 | 1 | 1.000 | 0.500 | 0.035 | Yes | 200 |
| ST302-1 1/2 | 1-1/2 | 1.500 | 0.750 | 0.040 | Yes | 100 |

Stock Color: Black



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WESTERN CABLE CORPORATION

888-805-0355 RIVERSIDE CALIFORNIA

IRRADIATED POLYOLEFIN - FLEXIBLE ADHESIVE LINED (3 TO 1 RATIO)

| | | |
|--------------------------------|------------------|----------------------------|
| Shrinkage ratio: | 50% (2:1) @ 121C | UL recognized |
| Longitudinal shrinkage: | -5% Max | CSA Listed |
| Operating temp range: | -55C to +110C | Mil-DTL-23053/4 CL2 |
| Dielectric strength: | 800V/mil | |
| UL Rating: | 600V @ 125C | |
| Specific gravity: | 1.2 Min. | |
| Tensile strength: | 2,100 psi | |
| Ultimate elongation: | 300% Min | |
| Water Absorption: | 0.3% Max | |

| Part No. | Size Inches | Expanded ID - Inches | Recovered ID - Inches | Recovered Wall - Inches | Put Ups | |
|------------|----------------|-------------------------|--------------------------|----------------------------|------------|----------|
| | | | | | 4Ft Sticks | Spools |
| ST303-1/8 | 1/8 | 0.125 | 0.063 | 0.020 | Yes | 100, 500 |
| ST221-3/16 | 3/16 | 0.187 | 0.093 | 0.020 | Yes | 100, 200 |
| ST221-1/4 | 1/4 | 0.250 | 0.125 | 0.025 | Yes | 100, 200 |
| ST221-3/8 | 3/8 | 0.375 | 0.187 | 0.025 | Yes | 100, 200 |
| ST221-1/2 | 1/2 | 0.500 | 0.250 | 0.025 | Yes | 200 |
| ST221-3/4 | 3/4 | 0.750 | 0.375 | 0.030 | Yes | 200 |
| ST221-1 | 1 | 1.000 | 0.500 | 0.035 | Yes | 200 |
| ST221-11/2 | 1-1/2 | 1.500 | 0.750 | 0.040 | Yes | 100 |

Stock Color: Black



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888-805-0355 RIVERSIDE CALIFORNIA

PTFE HEAT SHRINK TUBING (2 TO 1 Ratio)

Shrinkage ratio: 50% (2:1)
Operating temp range: 500F (260C)

Mil-DTL-23053/12 (Thin Wall)
TW=AMS 3585
SW=AMS3586

STANDARD WALL

| Ordered as AWG Size | Expanded I.D. Min (Inches) | Recovered I.D. Max (inches) | Recovered Wall Thickness (inches/mm) | | Note |
|------------------------|-------------------------------|--------------------------------|---|-------|------|
| 24 | 0.05 | 0.027 | 0.012 | 0.002 | |
| 22 | 0.055 | 0.032 | 0.012 | 0.002 | |
| 20 | 0.06 | 0.039 | 0.016 | 0.003 | |
| 19 | 0.065 | 0.043 | 0.016 | 0.003 | |
| 18 | 0.076 | 0.049 | 0.016 | 0.003 | |
| 17 | 0.085 | 0.054 | 0.016 | 0.003 | |
| 16 | 0.093 | 0.061 | 0.016 | 0.003 | |
| 15 | 0.11 | 0.067 | 0.016 | 0.003 | |
| 14 | 0.12 | 0.072 | 0.016 | 0.003 | |
| 13 | 0.14 | 0.08 | 0.016 | 0.003 | |
| 12 | 0.15 | 0.089 | 0.016 | 0.003 | |
| 11 | 0.17 | 0.101 | 0.016 | 0.003 | |
| 10 | 0.191 | 0.112 | 0.016 | 0.003 | |
| 9 | 0.205 | 0.124 | 0.02 | 0.004 | |
| 8 | 0.24 | 0.141 | 0.02 | 0.004 | |
| 7 | 0.27 | 0.158 | 0.02 | 0.004 | |
| 6 | 0.302 | 0.178 | 0.02 | 0.004 | |
| 5 | 0.32 | 0.198 | 0.02 | 0.004 | |
| 4 | 0.37 | 0.224 | 0.02 | 0.004 | |
| 3 | 0.39 | 0.249 | 0.02 | 0.004 | |
| 2 | 0.43 | 0.278 | 0.02 | 0.004 | |
| 1 | 0.45 | 0.311 | 0.02 | 0.004 | |
| 0 | 0.47 | 0.347 | 0.02 | 0.004 | |



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PTFE HEAT SHRINK TUBING (2 TO 1 Ratio)

Shrinkage ratio:

50% (2:1)

Mil-DTL-23053/12 (Thin Wall)

Operating temp range:

-67C to +250C

TW=AMS 3585

SW=AMS3586

THIN WALL

| Ordered as AWG Size | Expanded I.D. Min (Inches) | Recovered I.D. Max (inches) | Recovered Wall Thickness (inches/mm) | | M23053/12 |
|------------------------|-------------------------------|--------------------------------|---|-------|-----------|
| 24 | 0.05 | 0.027 | 0.01 | 0.002 | 304 |
| 22 | 0.055 | 0.032 | 0.012 | 0.002 | 305 |
| 20 | 0.06 | 0.039 | 0.012 | 0.003 | 306 |
| 19 | 0.065 | 0.043 | 0.012 | 0.003 | 307 |
| 18 | 0.076 | 0.049 | 0.012 | 0.003 | 308 |
| 17 | 0.085 | 0.054 | 0.012 | 0.003 | 309 |
| 16 | 0.09 | 0.061 | 0.012 | 0.003 | 310 |
| 15 | 0.11 | 0.067 | 0.012 | 0.003 | 311 |
| 14 | 0.12 | 0.072 | 0.012 | 0.003 | 312 |
| 13 | 0.14 | 0.08 | 0.012 | 0.003 | 313 |
| 12 | 0.15 | 0.089 | 0.012 | 0.003 | 314 |
| 11 | 0.17 | 0.101 | 0.012 | 0.003 | 315 |
| 10 | 0.191 | 0.112 | 0.012 | 0.003 | 316 |
| 9 | 0.205 | 0.124 | 0.015 | 0.004 | 317 |
| 8 | 0.24 | 0.141 | 0.015 | 0.004 | 318 |
| 7 | 0.27 | 0.158 | 0.015 | 0.004 | 319 |
| 6 | 0.302 | 0.178 | 0.015 | 0.004 | 320 |
| 5 | 0.32 | 0.198 | 0.015 | 0.004 | 321 |
| 4 | 0.37 | 0.224 | 0.015 | 0.004 | 322 |
| 3 | 0.39 | 0.249 | 0.015 | 0.004 | 323 |
| 2 | 0.43 | 0.278 | 0.015 | 0.004 | 324 |
| 1 | 0.45 | 0.311 | 0.015 | 0.004 | 325 |
| 0 | 0.47 | 0.347 | 0.015 | 0.004 | 326 |



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PTFE HEAT SHRINK TUBING (2 TO 1 Ratio)

Shrinkage ratio:

50% (2:1)

Mil-DTL-23053/12 (Thin Wall)

Operating temp range:

-67C to +250C

TW=AMS 3585

SW=AMS3586

LIGHTWEIGHT WALL

| Ordered as AWG Size | Expanded I.D. Min (Inches) | Recovered I.D. Max (inches) | Recovered Wall Thickness (inches/mm) | | Note |
|------------------------|-------------------------------|--------------------------------|---|-------|------|
| 26 | 0.046 | 0.022 | 0.006 | 0.002 | |
| 24 | 0.05 | 0.025 | 0.006 | 0.002 | |
| 22 | 0.055 | 0.031 | 0.006 | 0.002 | |
| 20 | 0.06 | 0.038 | 0.006 | 0.002 | |
| 19 | 0.065 | 0.043 | 0.006 | 0.002 | |
| 18 | 0.076 | 0.046 | 0.006 | 0.002 | |
| 17 | 0.085 | 0.054 | 0.006 | 0.002 | |
| 16 | 0.09 | 0.057 | 0.006 | 0.002 | |
| 15 | 0.11 | 0.063 | 0.006 | 0.002 | |
| 14 | 0.12 | 0.072 | 0.008 | 0.002 | |
| 13 | 0.14 | 0.08 | 0.008 | 0.002 | |
| 12 | 0.15 | 0.089 | 0.008 | 0.002 | |
| 11 | 0.17 | 0.099 | 0.008 | 0.002 | |
| 10 | 0.191 | 0.11 | 0.008 | 0.002 | |
| 9 | 0.205 | 0.122 | 0.008 | 0.002 | |
| 8 | 0.24 | 0.139 | 0.008 | 0.002 | |
| 7 | 0.27 | 0.154 | 0.008 | 0.002 | |
| 6 | 0.302 | 0.172 | 0.01 | 0.003 | |
| 5 | 0.32 | 0.192 | 0.01 | 0.003 | |
| 4 | 0.37 | 0.214 | 0.01 | 0.003 | |
| 3 | 0.39 | 0.241 | 0.01 | 0.003 | |
| 2 | 0.43 | 0.27 | 0.01 | 0.003 | |
| 1 | 0.45 | 0.301 | 0.01 | 0.003 | |
| 0 | 0.47 | 0.347 | 0.012 | 0.003 | |



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