

## Identification Solutions

### Wire and Cable Identification

#### TMS-SCE

TMS-SCE marker sleeves are designed to meet wire and cable identification needs with high performance requirements. Made from durable, flame retardant, radiation cross linked heat-shrinkable polyolefin, TMS-SCE can be used in a wide variety of applications including Aerospace, Military, Motor sports and Oil & Gas. TMS-SCE meets the performance requirements of SAE-AMS-DTL-23053/5 class 1. The marks are permanent immediately after printing and remain legible even when exposed to abrasion, aggressive cleaning solvents, and military fuels and oils. TMS-SCE meets the mark permanence requirements of SAE AS5942 and MIL-STD-202 Method 215.

TMS-SCE is supplied with a 3:1 shrink ratio. The lightweight 3:1 products provide extremely fast shrinking and cover a wider range of wire diameters, thus simplifying inventory.

Supplied in a "ladder format", sleeves are held horizontally between two hole-punched polyester strips and offers ease of printing and kitting.

#### FEATURES AND BENEFITS

- Thermal transfer printable
- Permanent identification sleeves
- Lightweight for aerospace applications
- Military specification material and print performance
- 3:1 shrink ratio
- CSA Certified
- UL Recognized

#### INDUSTRY



#### Temperature Rating

Operating Temperature range -55°C to 135°C  
(-67°F to 275°F)

#### Specifications and Approvals

SAE-AMS-DTL-23053/5  
SAE AS5942  
EN45545-2 R24 HL2  
NFPA130  
MIL-STD-202 Method 215  
UL STD 224 - E35586  
CSA certified (File 31929)

#### Recommended Hardware and Software

Printer: T200-IDENT / TE3112 / TE3124 /  
T6112DS  
Ribbon: TMS-RJS-RIBBON-4RPSCE  
Software: WinTotal v6

#### For More information

Technical Datasheet: TTDS-023  
Product Specification Sheet: RW-2511

#### AVAILABLE OPTIONS

|                  |                                                                    |           |
|------------------|--------------------------------------------------------------------|-----------|
| Standard Colours | Yellow                                                             | White     |
| Ordering Code    | 4                                                                  | 9         |
| Non-Standard*    | Black, Blue, Green, Grey,<br>Orange, Pink, Red, Violet             |           |
| Scoring Options  | Scoring is a perforation to produce<br>multiple markers per sleeve |           |
| Standard         | No Score                                                           | One Score |
| Ordering Code    | None                                                               | S1        |

(\*Minimum quantity and lead time applies to non-standard colours)

## ORDERING INFORMATION

| Ordering Description      | Part Number | Pack Size | Colour | Supplied dia |        | Recovered dia |        | Recommended Use Range (Min - Max) |             |
|---------------------------|-------------|-----------|--------|--------------|--------|---------------|--------|-----------------------------------|-------------|
|                           |             | pc        |        | mm           | inches | mm            | inches | mm                                | inches      |
| TMS-SCE-3/32-2.0-4        | 4407170001  | 250       | Yellow | 2.4          | 0.093  | 0.7           | 0.031  | 0.8-1.9                           | 0.032-0.075 |
| TMS-SCE-1K-3/32-2.0-4     | 1289310001  | 1000      | Yellow | 2.4          | 0.093  | 0.7           | 0.031  | 0.8-1.9                           | 0.032-0.075 |
| TMS-SCE-3/32-2.0-S1-4     | 3249670001  | 250       | Yellow | 2.4          | 0.093  | 0.7           | 0.031  | 0.8-1.9                           | 0.032-0.075 |
| TMS-SCE-1K-3/32-2.0-S1-4  | E85726-000  | 1000      | Yellow | 2.4          | 0.093  | 0.7           | 0.031  | 0.8-1.9                           | 0.032-0.075 |
| TMS-SCE-1/8-2.0-4         | 8350110001  | 250       | Yellow | 3.2          | 0.125  | 1.0           | 0.042  | 1.1-2.6                           | 0.044-0.105 |
| TMS-SCE-1K-1/8-2.0-4      | 0043430001  | 1000      | Yellow | 3.2          | 0.125  | 1.0           | 0.042  | 1.1-2.6                           | 0.044-0.105 |
| TMS-SCE-1/8-2.0-S1-4      | 9246090001  | 250       | Yellow | 3.2          | 0.125  | 1.0           | 0.042  | 1.1-2.6                           | 0.044-0.105 |
| TMS-SCE-1K-1/8-2.0-S1-4   | 2165230001  | 1000      | Yellow | 3.2          | 0.125  | 1.0           | 0.042  | 1.1-2.6                           | 0.044-0.105 |
| TMS-SCE-3/16-2.0-4        | 5332610001  | 250       | Yellow | 4.8          | 0.187  | 1.5           | 0.062  | 1.7-4.0                           | 0.069-0.160 |
| TMS-SCE-1K-3/16-2.0-4     | 7957790001  | 1000      | Yellow | 4.8          | 0.187  | 1.5           | 0.062  | 1.7-4.0                           | 0.069-0.160 |
| TMS-SCE-3/16-2.0-S1-4     | 5883010001  | 250       | Yellow | 4.8          | 0.187  | 1.5           | 0.062  | 1.7-4.0                           | 0.069-0.160 |
| TMS-SCE-1K-3/16-2.0-S1-4  | 2489010001  | 1000      | Yellow | 4.8          | 0.187  | 1.5           | 0.062  | 1.7-4.0                           | 0.069-0.160 |
| TMS-SCE-1/4-2.0-4         | 3906690001  | 250       | Yellow | 6.4          | 0.250  | 2.1           | 0.083  | 2.3-5.4                           | 0.091-0.215 |
| TMS-SCE-1K-1/4-2.0-4      | 7525070001  | 1000      | Yellow | 6.4          | 0.250  | 2.1           | 0.083  | 2.3-5.4                           | 0.091-0.215 |
| TMS-SCE-1/4-2.0-S1-4      | 4785230001  | 250       | Yellow | 6.4          | 0.250  | 2.1           | 0.083  | 2.3-5.4                           | 0.091-0.215 |
| TMS-SCE-1K-1/4-2.0-S1-4   | 5460650001  | 1000      | Yellow | 6.4          | 0.250  | 2.1           | 0.083  | 2.3-5.4                           | 0.091-0.215 |
| TMS-SCE-3/8-2.0-4         | 5294130001  | 250       | Yellow | 9.5          | 0.375  | 3.1           | 0.125  | 3.4-8.1                           | 0.137-0.320 |
| TMS-SCE-1K-3/8-2.0-4      | 2410510001  | 1000      | Yellow | 9.5          | 0.375  | 3.1           | 0.125  | 3.4-8.1                           | 0.137-0.320 |
| TMS-SCE-3/8-2.0-S1-4      | 0313730001  | 250       | Yellow | 9.5          | 0.375  | 3.1           | 0.125  | 3.4-8.1                           | 0.137-0.320 |
| TMS-SCE-1K-3/8-2.0-S1-4   | 6694470001  | 1000      | Yellow | 9.5          | 0.375  | 3.1           | 0.125  | 3.4-8.1                           | 0.137-0.320 |
| TMS-SCE-1/2-2.0-4         | 6325250001  | 250       | Yellow | 12.7         | 0.500  | 4.2           | 0.166  | 4.6-10.7                          | 0.183-0.425 |
| TMS-SCE-1K-1/2-2.0-4      | 8988010001  | 1000      | Yellow | 12.7         | 0.500  | 4.2           | 0.166  | 4.6-10.7                          | 0.183-0.425 |
| TMS-SCE-1/2-2.0-S1-4      | 4809650001  | 250       | Yellow | 12.7         | 0.500  | 4.2           | 0.166  | 4.6-10.7                          | 0.183-0.425 |
| TMS-SCE-1K-1/2-2.0-S1-4   | 5768930001  | 1000      | Yellow | 12.7         | 0.500  | 4.2           | 0.166  | 4.6-10.7                          | 0.183-0.425 |
| TMS-SCE-3/4-2.0-4         | 6315830001  | 250       | Yellow | 19.0         | 0.750  | 6.3           | 0.250  | 6.9-16.2                          | 0.275-0.640 |
| TMS-SCE-1K-3/4-2.0-4      | 9463210001  | 1000      | Yellow | 19.0         | 0.750  | 6.3           | 0.250  | 6.9-16.2                          | 0.275-0.640 |
| TMS-SCE-3/4-2.0-S1-4      | 6176350001  | 250       | Yellow | 19.0         | 0.750  | 6.3           | 0.250  | 6.9-16.2                          | 0.275-0.640 |
| TMS-SCE-1K-3/4-2.0-S1-4   | A60108-000  | 1000      | Yellow | 19.0         | 0.750  | 6.3           | 0.250  | 6.9-16.2                          | 0.275-0.640 |
| TMS-SCE-1-2.0-4           | 7992730001  | 250       | Yellow | 25.4         | 1.000  | 8.4           | 0.333  | 9.2-21.5                          | 0.366-0.850 |
| TMS-SCE-1K-1-2.0-4        | 2290750001  | 1000      | Yellow | 25.4         | 1.000  | 8.4           | 0.333  | 9.2-21.5                          | 0.366-0.850 |
| TMS-SCE-1-2.0-S1-4        | 1130910001  | 250       | Yellow | 25.4         | 1.000  | 8.4           | 0.333  | 9.2-21.5                          | 0.366-0.850 |
| TMS-SCE-1K-1-2.0-S1-4     | 5688990001  | 1000      | Yellow | 25.4         | 1.000  | 8.4           | 0.333  | 9.2-21.5                          | 0.366-0.850 |
| TMS-SCE-1-1/2-2.0-4       | 6706090001  | 250       | Yellow | 38.1         | 1.500  | 19.0          | 0.750  | 20.9-33.0                         | 0.825-1.300 |
| TMS-SCE-1K-1-1/2-2.0-4    | 3880430001  | 1000      | Yellow | 38.1         | 1.500  | 19.0          | 0.750  | 20.9-33.0                         | 0.825-1.300 |
| TMS-SCE-1-1/2-2.0-S1-4    | 0907130001  | 250       | Yellow | 38.1         | 1.500  | 19.0          | 0.750  | 20.9-33.0                         | 0.825-1.300 |
| TMS-SCE-1K-1-1/2-2.0-S1-4 | C857260001  | 1000      | Yellow | 38.1         | 1.500  | 19.0          | 0.750  | 20.9-33.0                         | 0.825-1.300 |
| TMS-SCE-2-2.0-4           | 3279370001  | 250       | Yellow | 50.8         | 2.000  | 25.4          | 1.000  | 27.9-44.9                         | 1.100-1.750 |
| TMS-SCE-1K-2-2.0-4        | 6194590001  | 1000      | Yellow | 50.8         | 2.000  | 25.4          | 1.000  | 27.9-44.9                         | 1.100-1.750 |
| TMS-SCE-2-2.0-S1-4        | EJ2639-000  | 250       | Yellow | 50.8         | 2.000  | 25.4          | 1.000  | 27.9-44.9                         | 1.100-1.750 |

### ORDERING INFORMATION

| Ordering Description      | Part Number | Pack Size | Colour | Supplied dia (mm) |        | Recovered dia (mm) |        | Recommended Use Range (Min - Max) |             |
|---------------------------|-------------|-----------|--------|-------------------|--------|--------------------|--------|-----------------------------------|-------------|
|                           |             | pc        |        | mm                | inches | mm                 | Inches | mm                                | Inches      |
| TMS-SCE-1K-2-2.0-S1-4     | EH8583-000  | 1000      | Yellow | 50.8              | 2.000  | 25.4               | 1.000  | 27.9-44.9                         | 1.100-1.750 |
| TMS-SCE-2-1/4-2.0-4       | 186782-000  | 250       | Yellow | 57.1              | 2.250  | 19.0               | 0.750  | 22.3-50.8                         | 0.880-2.000 |
| TMS-SCE-1K-2-1/4-2.0-4    | E09585-000  | 1000      | Yellow | 57.1              | 2.250  | 19.0               | 0.750  | 22.3-50.8                         | 0.880-2.000 |
| TMS-SCE-2-1/4-2.0-S1-4    | CC9058-000  | 250       | Yellow | 57.1              | 2.250  | 19.0               | 0.750  | 22.3-50.8                         | 0.880-2.000 |
| TMS-SCE-1K-2-1/4-2.0-S1-4 | EF8491-000  | 1000      | Yellow | 57.1              | 2.250  | 19.0               | 0.750  | 22.3-50.8                         | 0.880-2.000 |
| TMS-SCE-3/32-2.0-9        | 6632750001  | 250       | White  | 2.4               | 0.093  | 0.7                | 0.031  | 0.8-1.9                           | 0.032-0.075 |
| TMS-SCE-1K-3/32-2.0-9     | 0969750001  | 1000      | White  | 2.4               | 0.093  | 0.7                | 0.031  | 0.8-1.9                           | 0.032-0.075 |
| TMS-SCE-3/32-2.0-S1-9     | 1506550001  | 250       | White  | 2.4               | 0.093  | 0.7                | 0.031  | 0.8-1.9                           | 0.032-0.075 |
| TMS-SCE-1K-3/32-2.0-S1-9  | 5248310001  | 1000      | White  | 2.4               | 0.093  | 0.7                | 0.031  | 0.8-1.9                           | 0.032-0.075 |
| TMS-SCE-1/8-2.0-9         | 8350110001  | 250       | White  | 3.2               | 0.125  | 1.0                | 0.042  | 1.1-2.6                           | 0.044-0.105 |
| TMS-SCE-1K-1/8-2.0-9      | 4554650001  | 1000      | White  | 3.2               | 0.125  | 1.0                | 0.042  | 1.1-2.6                           | 0.044-0.105 |
| TMS-SCE-1/8-2.0-S1-9      | 9246090001  | 250       | White  | 3.2               | 0.125  | 1.0                | 0.042  | 1.1-2.6                           | 0.044-0.105 |
| TMS-SCE-1K-1/8-2.0-S1-9   | 9435730001  | 1000      | White  | 3.2               | 0.125  | 1.0                | 0.042  | 1.1-2.6                           | 0.044-0.105 |
| TMS-SCE-3/16-2.0-9        | 5273550001  | 250       | White  | 4.8               | 0.187  | 1.5                | 0.062  | 1.7-4.0                           | 0.069-0.160 |
| TMS-SCE-1K-3/16-2.0-9     | 1099510001  | 1000      | White  | 4.8               | 0.187  | 1.5                | 0.062  | 1.7-4.0                           | 0.069-0.160 |
| TMS-SCE-3/16-2.0-S1-9     | 3573650001  | 250       | White  | 4.8               | 0.187  | 1.5                | 0.062  | 1.7-4.0                           | 0.069-0.160 |
| TMS-SCE-1K-3/16-2.0-S1-9  | 3549610001  | 1000      | White  | 4.8               | 0.187  | 1.5                | 0.062  | 1.7-4.0                           | 0.069-0.160 |
| TMS-SCE-1/4-2.0-9         | 1-1878866-4 | 250       | White  | 6.4               | 0.250  | 2.1                | 0.083  | 2.3-5.4                           | 0.091-0.215 |
| TMS-SCE-1K-1/4-2.0-9      | 7474490001  | 1000      | White  | 6.4               | 0.250  | 2.1                | 0.083  | 2.3-5.4                           | 0.091-0.215 |
| TMS-SCE-1/4-2.0-S1-9      | 3593590001  | 250       | White  | 6.4               | 0.250  | 2.1                | 0.083  | 2.3-5.4                           | 0.091-0.215 |
| TMS-SCE-1K-1/4-2.0-S1-9   | 4377070001  | 1000      | White  | 6.4               | 0.250  | 2.1                | 0.083  | 2.3-5.4                           | 0.091-0.215 |
| TMS-SCE-3/8-2.0-9         | 9422810001  | 250       | White  | 9.5               | 0.375  | 3.1                | 0.125  | 3.4-8.1                           | 0.137-0.320 |
| TMS-SCE-1K-3/8-2.0-9      | 0120930001  | 1000      | White  | 9.5               | 0.375  | 3.1                | 0.125  | 3.4-8.1                           | 0.137-0.320 |
| TMS-SCE-3/8-2.0-S1-9      | 0937690001  | 250       | White  | 9.5               | 0.375  | 3.1                | 0.125  | 3.4-8.1                           | 0.137-0.320 |
| TMS-SCE-1K-3/8-2.0-S1-9   | 846169-000  | 1000      | White  | 9.5               | 0.375  | 3.1                | 0.125  | 3.4-8.1                           | 0.137-0.320 |
| TMS-SCE-1/2-2.0-9         | 5061850001  | 250       | White  | 12.7              | 0.500  | 4.2                | 0.166  | 4.6-10.7                          | 0.183-0.425 |
| TMS-SCE-1K-1/2-2.0-9      | 7385170001  | 1000      | White  | 12.7              | 0.500  | 4.2                | 0.166  | 4.6-10.7                          | 0.183-0.425 |
| TMS-SCE-1/2-2.0-S1-9      | 0138090001  | 250       | White  | 12.7              | 0.500  | 4.2                | 0.166  | 4.6-10.7                          | 0.183-0.425 |
| TMS-SCE-1K-1/2-2.0-S1-9   | 3212430001  | 1000      | White  | 12.7              | 0.500  | 4.2                | 0.166  | 4.6-10.7                          | 0.183-0.425 |
| TMS-SCE-3/4-2.0-9         | 0567590001  | 250       | White  | 19.0              | 0.750  | 6.3                | 0.250  | 6.9-16.2                          | 0.275-0.640 |
| TMS-SCE-1K-3/4-2.0-9      | 4575670001  | 1000      | White  | 19.0              | 0.750  | 6.3                | 0.250  | 6.9-16.2                          | 0.275-0.640 |
| TMS-SCE-3/4-2.0-S1-9      | 6656610001  | 250       | White  | 19.0              | 0.750  | 6.3                | 0.250  | 6.9-16.2                          | 0.275-0.640 |
| TMS-SCE-1K-3/4-2.0-S1-9   | 9203730001  | 1000      | White  | 19.0              | 0.750  | 6.3                | 0.250  | 6.9-16.2                          | 0.275-0.640 |
| TMS-SCE-1-2.0-9           | 4397130001  | 250       | White  | 25.4              | 1.000  | 8.4                | 0.333  | 9.2-21.5                          | 0.366-0.850 |
| TMS-SCE-1K-1-2.0-9        | 0253350001  | 1000      | White  | 25.4              | 1.000  | 8.4                | 0.333  | 9.2-21.5                          | 0.366-0.850 |
| TMS-SCE-1-2.0-S1-9        | 5134530001  | 250       | White  | 25.4              | 1.000  | 8.4                | 0.333  | 9.2-21.5                          | 0.366-0.850 |
| TMS-SCE-1K-1-2.0-S1-9     | 1340650001  | 1000      | White  | 25.4              | 1.000  | 8.4                | 0.333  | 9.2-21.5                          | 0.366-0.850 |
| TMS-SCE-1-1/2-2.0-9       | 5414710001  | 250       | White  | 38.1              | 1.500  | 19.0               | 0.750  | 20.9-33.0                         | 0.825-1.300 |
| TMS-SCE-1K-1-1/2-2.0-9    | 1505370001  | 1000      | White  | 38.1              | 1.500  | 19.0               | 0.750  | 20.9-33.0                         | 0.825-1.300 |

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|---------------------------|-------------|-----------|--------|-------------------|--------|--------------------|--------|-----------------------------------|-------------|
|                           |             | pc        |        | mm                | Inches | mm                 | Inches | mm                                | Inches      |
| TMS-SCE-1-1/2-2.0-S1-9    | 2983910001  | 250       | White  | 38.1              | 1.500  | 19.0               | 0.750  | 20.9-33.0                         | 0.825-1.300 |
| TMS-SCE-1K-1-1/2-2.0-S1-9 | 9238830001  | 1000      | White  | 38.1              | 1.500  | 19.0               | 0.750  | 20.9-33.0                         | 0.825-1.300 |
| TMS-SCE-2-2.0-9           | 577739-000  | 250       | White  | 50.8              | 2.000  | 25.4               | 1.000  | 27.9-44.9                         | 1.100-1.750 |
| TMS-SCE-1K-2-2.0-9        | 7677230001  | 1000      | White  | 50.8              | 2.000  | 25.4               | 1.000  | 27.9-44.9                         | 1.100-1.750 |
| TMS-SCE-2-2.0-S1-9        | 344283-000  | 250       | White  | 50.8              | 2.000  | 25.4               | 1.000  | 27.9-44.9                         | 1.100-1.750 |
| TMS-SCE-1K-2-2.0-S1-9     | EH8582-000  | 1000      | White  | 50.8              | 2.000  | 25.4               | 1.000  | 27.9-44.9                         | 1.100-1.750 |
| TMS-SCE-2-1/4-2.0-9       | 191509-000  | 250       | White  | 57.1              | 2.250  | 19.0               | 0.750  | 22.3-50.8                         | 0.880-2.000 |
| TMS-SCE-1K-2-1/4-2.0-9    | D44774-000  | 1000      | White  | 57.1              | 2.250  | 19.0               | 0.750  | 22.3-50.8                         | 0.880-2.000 |
| TMS-SCE-2-1/4-2.0-S1-9    | 105297-000  | 250       | White  | 57.1              | 2.250  | 19.0               | 0.750  | 22.3-50.8                         | 0.880-2.000 |
| TMS-SCE-1K-2-1/4-2.0-S1-9 | EH8584-000  | 1000      | White  | 57.1              | 2.250  | 19.0               | 0.750  | 22.3-50.8                         | 0.880-2.000 |