

Mille-Tie™

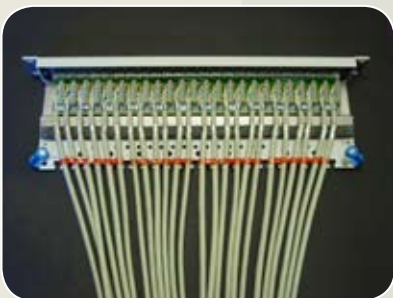
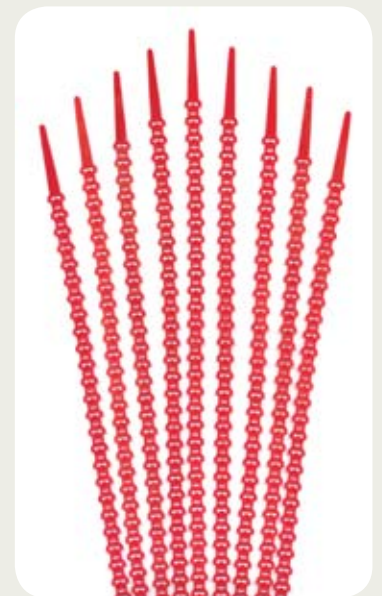
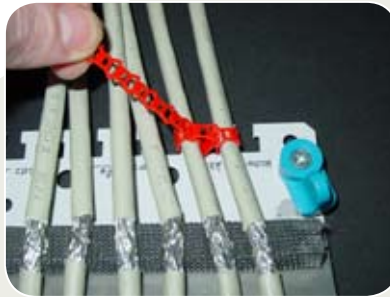
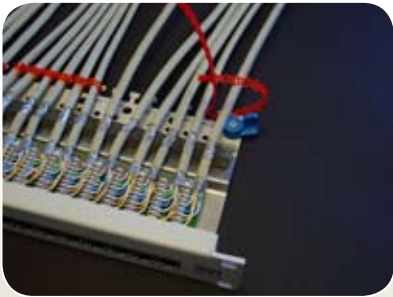
UL1565 (“Plenum”)



Moulded from a custom polymer, the UL1565 rated Mille-Tie is designed for use as a wire positioning device in air handling spaces. (Also known as “Plenum” areas.)

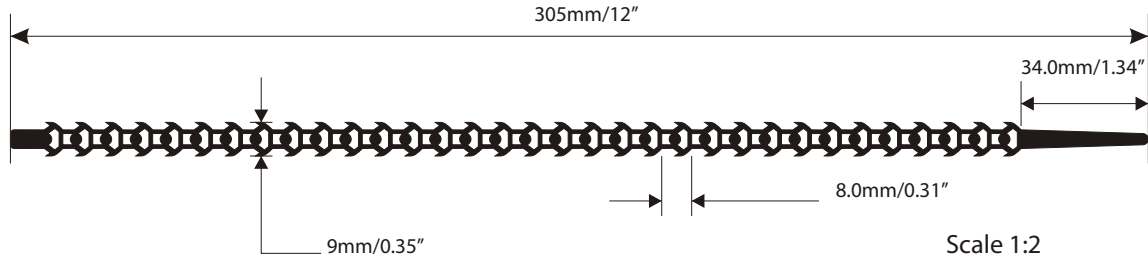
The UL1565 (“Plenum”) Mille-Tie is ideal for the management of modern data cabling systems in confined areas where health and safety regulations stipulate the use of UL1565 and rated products.

With Mille-Ties, the cable containment system is so flexible and versatile that common maintenance jobs become far more efficient and cost effective. Here’s one example of Mille-Tie’s capacity for future proofing, allied to its obvious economy.



| Product Code | EAN Code | Description | Pack Size | Packs per Outer Case |
|------------------|--------------|----------------|-----------|----------------------|
| STMT-RD100-PL-40 | 818857005006 | Red PLENUM 12” | 100 | 40 |

Standard Mille-Tie Technical Specification



Physical Properties:

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| Nominal Moulded Length: | 305mm (12") |
| Width: | 9.0mm (0.35") |
| Thickness: | 1.3mm (0.05") |
| Apertures: | 33 (1 per 8mm (0.35") apx.) |
| Maximum Bundle Size (basic strip): | > 75mm (3") diameter |
| Maximum Bundle Size (when stretched before use): | > 110mm (4.5") diameter |
| Minimum Bundle Size: | < 5mm (0.2") diameter |
| Uses Per Strip @ 10mm (0.4") Diameter: | 6 approx |
| Standard Colours Available: | Red (Plenum), Black (UV), Uncoloured/Natural (LSOH), Green, Grey |

Material Properties:

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| Material: | Thermoplastic Polyurethane Elastomer |
| Density: | 1220Kg/m ³ |
| Tensile and Tear Strength: | High |
| Abrasion Resistance: | Excellent |
| Elasticity and Resilience: | High |
| Resistance to Fuels and Oils: | Excellent |

Mechanical Properties:

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| Flexural Modulus: | 124.1MPa (180,000 PSI) |
| Taper Abrasion H-18 Wheel, 1000g (1.1lb) Load: | 50mg (1/560 Oz) Loss [1000 cycles] |
| Material Tensile Strength: | 4.14MPa (6,000 PSI) |
| Maximum Mille-Tie Loop Strength: | >10kg (22lb) [Using a secure latch] |

Thermal Properties:

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| Low Temperature Brittle Point: | <-68°C (-90°F) |
| Deflection Temperature Under Load: | 59°C (139°F) [4.55kPa (66 PSI)] |
| Recommended Service Temperature Range [no load]: | -20°C to +60°C (-4°F to 140°F) |
| Short Temp Peak Temperature Range [no load]: | -30°C to +80°C (-22°F to 176°F) |
| Vicat Softening Temperature: | Rate A, 168°C (334°F) |
| Flammability UL94 Flame Class: | 1.5mm (0.06") Thickness, Class HB |

Flame & UV Properties:

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| UV Properties [Black or UV resistant coloured]: | Very Good |
| UV Properties [Natural coloured]: | Some loss of physical properties & yellowing may occur under conditions of prolonged exposure. |

Low Smoke Zero Halogen Version:

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| Low Smoke: | BS 6853 : 1999 Apx D Clause D 8.3 (Smoke) |
| Zero Halogen: | IEC 754-1: 1994 |

Air Handling Spaces (PLENUM) Version:

"For Positioning Only, Indoors only, Suitable for use in Air Handling Spaces in accordance with Section 300-22 (C) and (D) of the National Electric Code, and Rules 12-010 (3), (4), and (5), and 12-020 of the Canadian Electric Code, Part 1, File E230261"

| | |
|---------------|--|
| USA Meets: | Section 300.22 (C) and (D) of the National Electric Code |
| Canada Meets: | Rules 12-010 (3), (4) and (5) , and 12-020, Part 1, Canadian Electrical Code |

*Specification subject to change without notice