



3M™ Wheel Weights

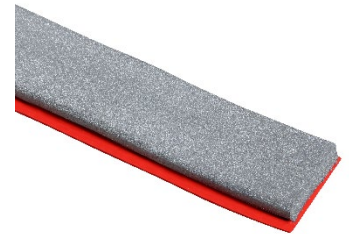
Technical Data Sheet

General Description

3M™ Wheel Weights are designed to be cut to weight to meet your precision balancing requirements and are provided as levelwound rolls. Lead-free, 3M Wheel Weights are designed to provide an alternative to standard lead wheel weights and features the industry-leading 3M™ Attachment Tape Technology used in numerous tape-applied attachments of component parts to vehicles. 3M's tape expertise, combined with the conformable wheel balancing material, provides an all-in-one, securely attached wheel weight balancing system. 3M Wheel Weights are used by OEMs and Tier balancers around the world to provide their customers with a smoother ride.

3M Wheel Weights offer the additional key features:

- Automates tire balancing in OEM or Tier assembly plants with level-wound rolls and semi or fully automated systems
- Reduced inventory - one product replaces dozens of clip-on weights
- Reduced residual imbalance in the wheel assembly, reducing the number of balance rejects
- Eliminates the chance of picking the incorrect weight from the bin
- Offered in multiple profiles and colors to fit customer design requirements
- Lighter gray or black colored profiles are designed to blend with the wheel
- Cut to exact length for better balance and ride
- Mitigates visual defects such as corrosion and staining caused by clip-on weights to help keep wheels looking better longer
- Flexible material is conformable to multiple rim diameters and wheel geometries, and provides excellent wet-out



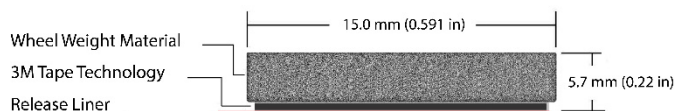
Product Availability

Product Number	3M Stock Number	Color	Roll Length	Profile Width x Height	Weight per length (no liner)
TN4015L - LW	7100352339	Gray	204.2 M (223.3 yd)	15.0 mm (0.59 in) x 5.7 mm (0.22 in)	4.02 g/cm
TN4019L - LW	7100358985	Gray	231.0 M (252.6 yd)	19.0 mm (0.75 in) x 4.1 mm (0.16 in)	3.48 g/cm
TN4020L - LW	7100338712	Gray	148.0 M (161.9 yd)	20.0 mm (0.79 in) x 5.8 mm (0.23 in)	5.40 g/cm
TN4023L - LW	7100339621	Gray	187.5 M (205.1 yd)	23.0 mm (0.91 in) x 4.4 mm (0.17 in)	4.35 g/cm
TN4024L - LW	7100340617	Gray	205.0 M (224.2 yd)	24.0 mm (0.94 in) x 4.0 mm (0.16 in)	3.90 g/cm
TN4029L - LW	7100338796	Gray	101.8 M (111.3 yd)	29.0 mm (1.14 in) x 6.0 mm (0.24 in)	8.03 g/cm
TN4420L - LW	7100338586	Gray	235.0 M (257.0 yd)	20.0 mm (0.79 in) x 4.1 mm (0.16 in)	3.41 g/cm
TN6019L - LW	7100338780	Black	231.0 M (252.6 yd)	19.0 mm (0.75 in) x 4.1 mm (0.16 in)	3.48 g/cm
TN6020L - LW	7100340815	Black	148.0 M (161.9 yd)	20.0 mm (0.79 in) x 5.8 mm (0.23 in)	5.40 g/cm

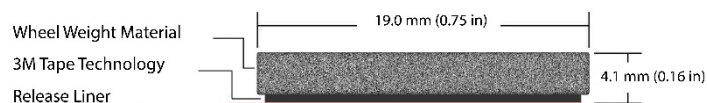
LW = Levelwound

Product Construction

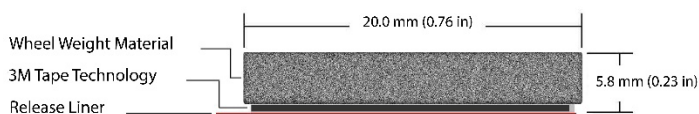
TN4015L



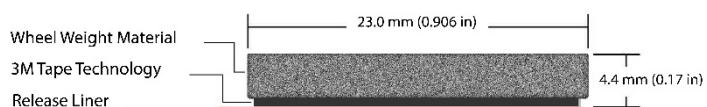
TN4019L



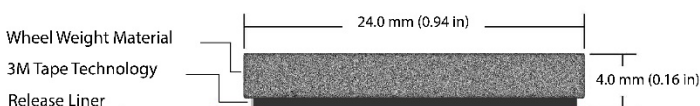
TN4020L



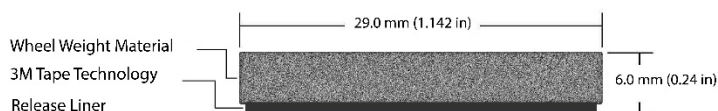
TN4023L



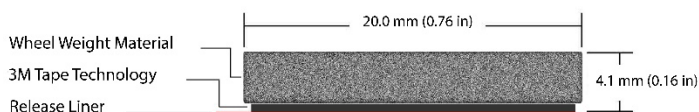
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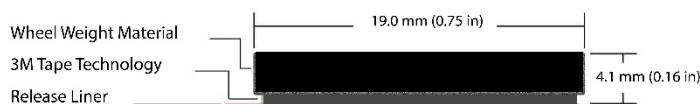
TN4029L



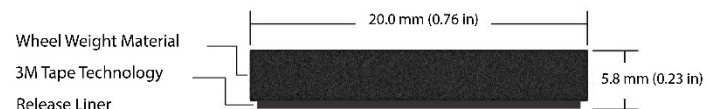
TN4420L



TN6019L



TN6020L



Performance Properties

3M understands that development of automotive applications is typically driven by specification requirements and performance. Each OEM has their own unique criteria and 3M continues to develop suitable products to meet those demands. Please contact your 3M application engineer for support and to obtain specific test data.

Splicing Guidelines

Information regarding splicing tape availability and guidelines for splicing the 3M wheel weight composite material, is available in the [Technical Update: 3M™ Wheel Weight Composite Splicing](#).

Storage and Handling

Twelve months from date of manufacture, when stored at optimum storage conditions of 22°C (72°F) and 50% relative humidity. The expectation is to test and validate up to two years.

Regulatory Information

Please refer to the product label and Safety Data Sheet (SDS) for health and safety information before using. Observe proper handling precautions as outlined in the SDS, which is available on request or at www.3M.com/msds. To obtain published IMDS ID numbers, email requests to 3M-IMDSrequest@mmm.com.

Contact Information

The information provided in this technical document is intended as a guide for these products. For more information or help in selecting a 3M product for an application, please contact your 3M application engineer or call 1-800-328-1684.

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