

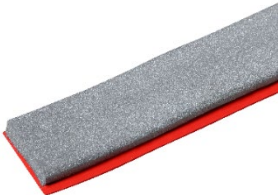


3M™ Wheel Weights

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

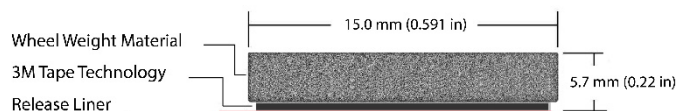
Product Availability

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

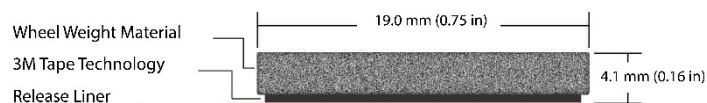
LW = Levelwound

Product Construction

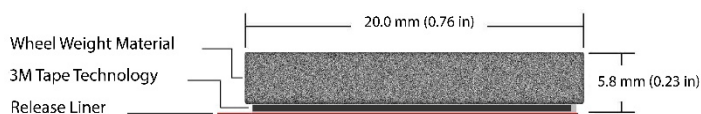
TN4015L



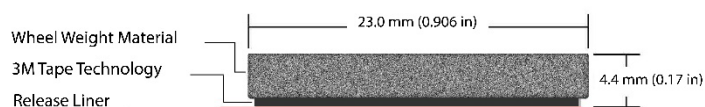
TN4019L



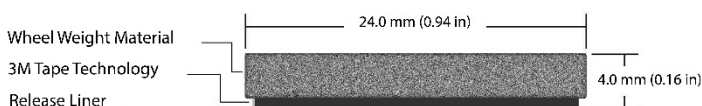
TN4020L



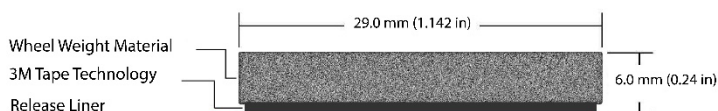
TN4023L



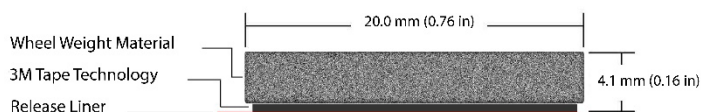
TN4024L



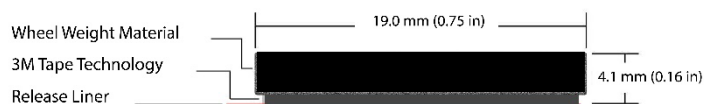
TN4029L



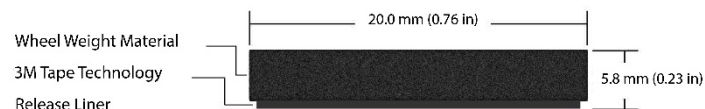
TN4420L



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.

Application Guidelines

Contamination from dust or fluids, such as a tire lube, will adversely affect tape performance. Care should be taken to minimize exposing the wheels to these contaminants while in storage or during the wheel balancing process. To increase the robustness of the process the wheel surface should be properly cleaned.

The cleaning should remove all contaminants and leave no residue. After cleaning with a solvent wipe system, allow adequate time for the wheel to dry prior to application of the wheel weight.

The recommended temperature range for both the wheel surface and the 3M Wheel Weight material during application is 15 – 43°C (60 - 110°F).

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](#).

Shelf Life

Twenty-four months from date of manufacture, when stored at optimum storage conditions of 22°C (72°F) and 50% relative humidity.

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.

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty, Limited Remedy, and Disclaimer: Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



Automotive Solutions

3M Center
St. Paul, MN 55144-1000
Phone 1-800-328-1684
Web www.3M.com/autosolutions

3M is a trademark of 3M Company
© 3M 2026. All rights reserved.