



3M Science.
Applied to Life.™

Speed meets
precision for
a smoother ride.

3M™ Wheel Weights

Balancing Science and Responsibility

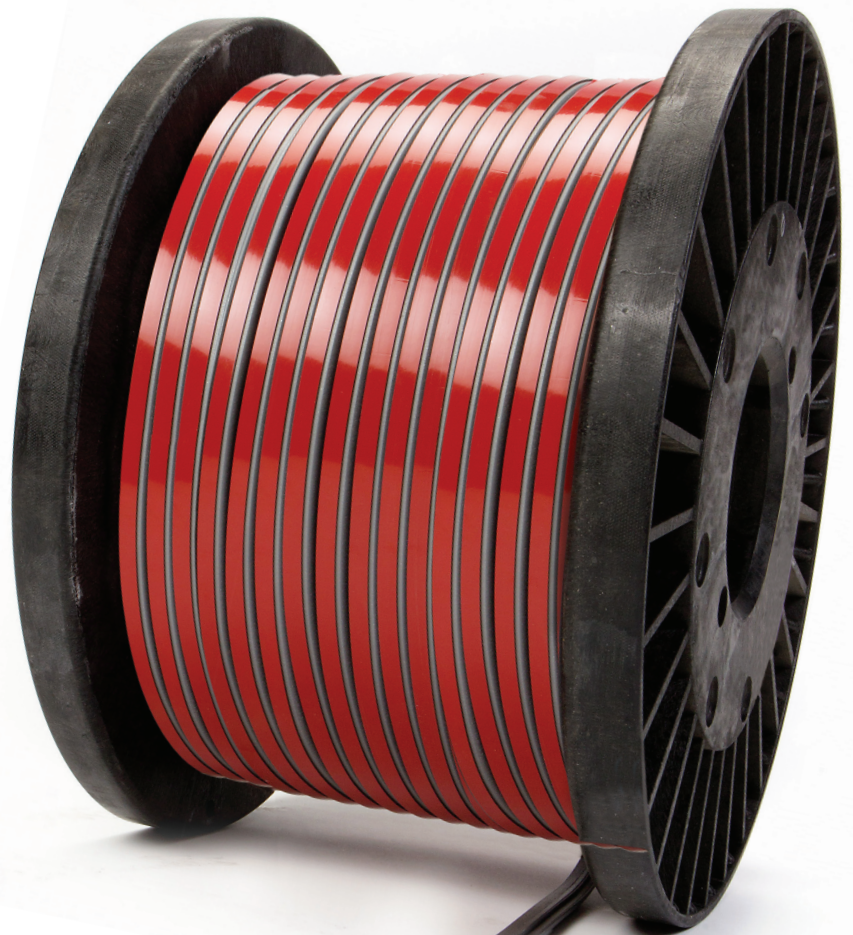
3M™ Wheel Weights are used by OEMs and Tier balancers around the world to provide their customers with a smoother ride. Designed to be cut to weight to meet your precision balancing requirements, 3M Wheel Weights feature industry leading 3M™ Attachment Tape, which has been used for decades to securely attach a wide variety of trim accessory parts to millions of vehicles.

Designed to have less impact on the environment than lead wheel weights

- 3M™ Wheel Weight material can be cut to size
- Get better balance and smoother ride with custom-cut lengths and weights
- One product replaces dozens of clip-on weights to simplify inventory needs
- Dependable attachment with industry-proven 3M™ Automotive Attachment Tape technology
- Proven application and product technology in production at multiple OEMs and tier balancers
- Reduces potential for corrosion and staining of wheels to help keep wheels looking better longer

Automated precision balancing:

- Automates tire balancing in OEM or Tier assembly plans with level-wound rolls and semi or fully automated systems
- Reduces inventory and overall systems cost
- Reduces residual imbalance in the wheel assembly, reducing the number of balance rejects
- Eliminates the chance of picking the incorrect weight from the bin



Combining 3M Science with Esys Automation

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Dramatically improves the speed, quality and cost of OEM high-speed tire balancing processes with the combination of the Esys Automation AutoW8t™ application system and 3M lead-free wheel weights to millions of vehicles.

AutoW8t™ Auto Weight Apply System

The 3M™ Wheel Weight material is fed to the machine from a convenient material handling location where it is cut and applied with precision to both the curb side and car side planes of the wheel. The Auto Weight Apply (AWA) Machine:

- Fully automated solution for tire and wheel assembly
- Smaller footprint equipment, installed immediately after the balancer
- Streamlined and improved application sequence

AutoW8t™ Multi-Weight Apply

Combining all of the functionality of the traditional AWA, the new Multi-Weight Apply machine applies not only alloy wheel weights, but steel wheel weights as well. The MWA allows for:

- Fully automated solution for tire and wheel assembly
- Applies both steel and alloy wheel weights
- Smaller footprint equipment, installed immediately after the balancer

Dispense & Cut System

The Esys Dispense and Cut System (DCS) is a machine designed for dispensing and cutting 3M Wheel Weights for use in the balancing of automotive wheels. The DCS is combined with a manual weight apply station to replace traditional bins and weight picking.

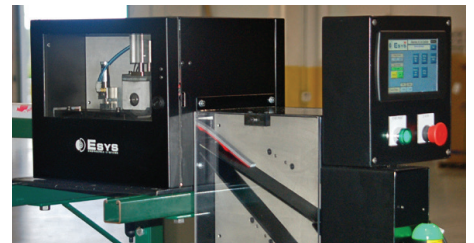
- Eliminate the use of lead weights
- Reduce inventory of clip on weights
- Eradicate product waste
- Correct imbalances by dispensing precise weights on demand Easy to install and maintain in existing weight apply stations
- Delivers a precision cut weight to the team member applying the weight



AutoW8t™ Auto Weight Apply (AWA)



AutoW8t™ Multi-Weight Apply (MWA)



Esys Dispense and Cut System (DCS)

3M Wheel Weight Product Portfolio

Wheel Type	Part Number	3M Stock Number	Unit	Roll Length	Profile width x Height
Steel	MR4909	70-0711-0565-7	Roll	146.5 M (160.2 yd)	13.95 mm (0.55 in) x 10.01 mm (0.39 in)
Alloy	TN4015E	75-3470-8561-7	Roll	199.2 M (217.85 yd)	15.0 mm (0.59 in) x 5.6 mm (0.22 in)
Alloy	TN4019E	70-0711-0387-6	Roll	225.0 M (246.06 yd)	19.0 mm (0.75 in) x 4.0 mm (0.16 in)
Alloy	TN4020E	70-0711-0388-4	Roll	145.57 M (159.2 yd)	20.0 mm (0.79 in) x 6.0 mm (0.24 in)
Alloy	TN4023E	70-0711-0427-0	Roll	181.4 M (198.38 yd)	23.0 mm (0.91 in) x 4.30 mm (0.17 in)
Alloy	TN4029E	70-0711-0370-2	Roll	98.44 M (107.65 yd)	28.70 mm (1.13 in) x 6.1 mm (0.24 in)
Alloy	TN6020E	70-0711-0421-3	Roll	145.57 M (159.2 yd)	20.0 mm (0.79 in) x 6.0 mm (0.24 in)

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 technical service representative or call 1-800-328-1684.

AutoW8t is a trademark of Esys Corporation.
3M is a trademark of the 3M Company.

Contact Us: For more information, please contact your 3M sales representative or 3M customer service at 1-800-328-1684. You can also visit our website at: www.3M.com/wheelweights.

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