

# MTL



**AQA INTERNATIONAL  
QUALITY STANDARD CERTIFIED**



**ISO 9001:2008 REGISTERED COMPANY**



## COMPANY PROFILE

# MONOTONA TYRES LIMITED

We are an 'ISO 9001:2008 COMPANY' manufacturing Tyres and Tubes for Moped, Scooter, Motor Bike, 3-Wheelers and 4-Wheelers. Our Brand 'MTL' enjoys excellent reputation and consumer preference because of high standards of products quality and durability. Our company is situated at Gut No.279,286,287 (P) Dakivli Village, Bhiwandi – Wada Road, Near Tansa River, Taluka – Wada, District Thane – 421312. The Company is managed by a team of highly motivated professionals under the guidance and leadership of its Directors. The manufacturing unit employs over 600+skilled work force and manufactures over 3 Million Tyres and 5 Million Tubes per annum. Our Butyl Inner Tubes are the first preference of the consumers for their longer air retaining capacity.

Our Research & Development Department is equipped with the most modern testing equipments, namely, 'Rheometer' for analyzing the proportion of Rubber Batches, 'Tensile Testing Machine' for testing physical properties of Tyres & Tubes manufactured, 'Abrasion Testing Machine' for testing life of Tyres and all other normal laboratory equipments. The Company's total operations are ISO 9001:2008 certified by AQA INTERNATIONAL, a well renowned Certifying Agency. All the Tyres & Tubes manufactured by the Company pass through stringent quality control systems under Total Quality Management (TQM) concept to provide best quality products to the customers for their utmost satisfaction and value for money.

The company markets its products under the Brand name 'MTL' which enjoys excellent reputation abroad and first choice of consumers & dealers. We are also been supplying Tyres & Tubes to major Original Equipment Manufacturers (OEM), namely Bajaj Auto Limited.

We are exporting 2/3 wheelers Tyres & Tubes to the countries of South-Central America, Middle East & African region.

The immediate objective of the Company is to consolidate its position in the International Market of 2/3 wheelers Tyres and Tubes and increase its market share.





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## MTL - RANGE OF TYRES AND TUBES

We are manufacturing a wide range of 2-3-4 wheelers including front Tractors, ADV tyres and tubes. The present range consists of following sizes:

| MOPED   | SCOOTER | MOTORCYCLE | 3 WHEELER | 4 WHEELER |
|---------|---------|------------|-----------|-----------|
| 2.25-16 | 3.50-8  | 2.25-17    | 4.00-8    | 4.50-12   |
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|         |         |            |           |           |

### QUALITY STANDARDS

Monotona Tyres Ltd. has established a quality management system that is in compliance with the International Quality System Standard ISO 9001-2008 certified by International agency AQA.

Our Quality System/ Standard also Certified by BIS for marking of ISI (IS-15627)

Our 4 Wheelers tyres and Quality System are in the process of being certified by European Standard TUV for application of E-4 marking for Exporting Tyres to European Countries.

### COMPANY'S FEATURE:

The unbeatable product performance is the striking feature of Monotona Tyers Ltd. and it is achieved not only in the Domestic Market but also in the International Market. Despite the highly competitive nature of world markets, Monotona Tyers Ltd. has also made significant progress in the International Market.

On the home front, the company enjoys a privileged position as a major supplier to Original Equipment Manufactures like Bajaj Auto Ltd., Kinetic Motors Ltd.

In the highly competitive Replacement Market, Monotona Tyres Ltd. has consistently improved its market share and enjoys the leadership status in various user segments.

The Company has a wide network of distributors/dealers all over India with full fledged after sales service, alongwith unique warranty policy.



| Size   | Pattern           | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|--------|-------------------|------------|-------------|---------------|-----------------|
| 4.00-8 | Star Miler        | 6/8        | 419 mm.     | 113 mm.       | 60              |
| 4.00-8 | Torito Star Miler | 6          | 419 mm.     | 113 mm.       | 60              |
| 4.00-8 | Auto Rider        | 6          | 419 mm.     | 113 mm.       | 60              |



| Size   | Pattern  | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|--------|----------|------------|-------------|---------------|-----------------|
| 4.00-8 | Tuff Lug | 8          | 419 mm.     | 113 mm.       | 60              |



| Size   | Pattern   | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|--------|-----------|------------|-------------|---------------|-----------------|
| 4.00-8 | Load Grip | 8          | 419 mm.     | 113 mm.       | 60              |





| Size    | Pattern          | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|------------------|------------|-------------|---------------|-----------------|
| 4.50-10 | Hi-Miler         | 8          | 498 mm.     | 128 mm.       | 72              |
| 4.50-10 | Hi-Miler Premium | 8          | 498 mm.     | 128 mm.       | 72              |



| Size    | Pattern  | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|----------|------------|-------------|---------------|-----------------|
| 4.50-10 | Tuff Lug | 8          | 498 mm.     | 128 mm.       | 72              |



| Size    | Pattern  | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|----------|------------|-------------|---------------|-----------------|
| 4.50-12 | Hi-Miler | 10         | 548 mm.     | 135 mm.       | 58              |



| Size    | Pattern | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|---------|----------------|------------|-------------|---------------|-----------------|
| 2.25-16 | Racer   | Front / Rear   | 4          | 532 mm      | 63 mm         | 32<br>36        |
| 2.50-16 | Racer   | Front / Rear   | 4          | 545 mm      | 65 mm         | 32<br>36        |



| Size    | Pattern | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|---------|----------------|------------|-------------|---------------|-----------------|
| 2.75-16 | Racer   | Front / Rear   | 4          | 560 mm      | 74 mm         | 32<br>36        |



| Size    | Pattern  | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|----------|----------------|------------|-------------|---------------|-----------------|
| 2.25-16 | Hi-Miler | Front / Rear   | 4          | 532 mm      | 61 mm         | 32<br>36        |
| 2.50-16 | Hi-Miler | Front / Rear   | 4          | 547 mm      | 68 mm         | 32<br>36        |



| Size    | Pattern    | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|------------|----------------|------------|-------------|---------------|-----------------|
| 3.50-8  | Racer      | Front / Rear   | 4          | 385 mm.     | 88 mm.        | 32<br>36        |
| 2.75-10 | Racer      | Front / Rear   | 4          | 404 mm.     | 74 mm.        | 32<br>36        |
| 3.50-10 | Racer      | Front / Rear   | 4          | 439 mm.     | 90 mm.        | 32<br>36        |
| 3.50-10 | Auto Rider | Front / Rear   | 4          | 439 mm      | 90 mm.        | 32<br>36        |



| Size    | Pattern | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|---------|----------------|------------|-------------|---------------|-----------------|
| 3.00-10 | Futura  | Front / Rear   | 4          | 415 mm      | 77 mm         | 32<br>36        |



| Size    | Pattern | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|---------|----------------|------------|-------------|---------------|-----------------|
| 3.50-10 | Futura  | Front / Rear   | 4          | 439 mm      | 90 mm         | 32<br>36        |





| Size    | Pattern | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|---------|----------------|------------|-------------|---------------|-----------------|
| 2.25-17 | Racer   | Front          | 4          | 560 mm.     | 60 mm.        | 32              |



| Size    | Pattern  | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|----------|----------------|------------|-------------|---------------|-----------------|
| 2.50-18 | Racer    | Front          | 4          | 592 mm.     | 62 mm.        | 32              |
| 2.50-18 | Maxi Rib | Front          | 4          | 597 mm.     | 66 mm.        | 32              |



| Size    | Pattern           | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|-------------------|----------------|------------|-------------|---------------|-----------------|
| 3.00-18 | Hi-Miler          | Rear           | 6          | 632 mm.     | 82 mm.        | 40              |
| 3.00-18 | Challenger Junior | Rear           | 6          | 630 mm.     | 80 mm.        | 40              |
| 3.00-18 | Challenger Plus   | Rear           | 6          | 635 mm.     | 84 mm.        | 40              |



| Size    | Pattern | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|---------|----------------|------------|-------------|---------------|-----------------|
| 3.00-19 | Racer   | Front          | 4          | 657 mm.     | 83 mm.        | 32              |



| Size    | Pattern       | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|---------------|----------------|------------|-------------|---------------|-----------------|
| 3.00-17 | Racer         | Rear           | 6          | 606 mm.     | 80 mm.        | 40              |
| 3.00-17 | Racer Premium | Rear           | 6          | 606 mm.     | 80 mm.        | 40              |



| Size    | Pattern    | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|------------|----------------|------------|-------------|---------------|-----------------|
| 2.75-17 | Duro Rib   | Front          | 4          | 590 mm.     | 74 mm.        | 32              |
| 2.75-18 | Duro Rib   | Front          | 4          | 618 mm.     | 74 mm.        | 32              |
| 2.75-18 | Challenger | Front          | 6          | 620 mm.     | 74 mm.        | 40              |



| Size    | Pattern | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|---------|----------------|------------|-------------|---------------|-----------------|
| 2.75-17 | Racer   | Rear           | 6          | 588 mm.     | 73 mm.        | 40              |
| 2.75-18 | Racer   | Rear           | 6          | 616 mm.     | 74 mm.        | 40              |



| Size    | Pattern | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|---------|----------------|------------|-------------|---------------|-----------------|
| 2.50-17 | Macho   | Front          | 4          | 568 mm.     | 64 mm.        | 32              |
| 2.75-18 | Macho   | Front          | 4          | 618 mm.     | 74 mm.        | 32              |



| Size    | Pattern | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|---------|----------------|------------|-------------|---------------|-----------------|
| 2.75-18 | Macho   | Rear           | 6          | 588 mm.     | 74 mm.        | 40              |
| 3.00-18 | Macho   | Rear           | 6          | 630 mm.     | 83 mm.        | 40              |



| Size    | Pattern    | Wheel Position | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|------------|----------------|------------|-------------|---------------|-----------------|
| 2.75-18 | Jumbo Grip | Front / Rear   | 6          | 618 mm.     | 74 mm.        | 40              |
| 3.00-18 | Jumbo Grip | Rear           | 6          | 635 mm.     | 83 mm.        | 40              |



| Size       | Pattern   | Rim Size/<br>Pressure | Overall dia | Overall width | NSD     |
|------------|-----------|-----------------------|-------------|---------------|---------|
| 6.00-14 LT | Maxidrive | 5.00'X14'/<br>60 PSI  | 688 mm.     | 182 mm.       | 9.0 mm. |



| Size    | Pattern   | Rim Size/<br>Pressure | Overall dia | Overall width | NSD      |
|---------|-----------|-----------------------|-------------|---------------|----------|
| 6.50-14 | Maxidrive | 5.00'X14'/<br>60 PSI  | 695 mm.     | 185 mm.       | 10.0 mm. |



| Size    | Pattern     | Rim Size/<br>Pressure | Overall dia | Overall width | NSD      |
|---------|-------------|-----------------------|-------------|---------------|----------|
| 6.50-14 | Grip Master | 5.00'X14'/<br>75 PSI  | 708 mm.     | 188 mm.       | 10.5 mm. |





| Size    | Pattern  | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|----------|------------|-------------|---------------|-----------------|
| 6.00-16 | Hi-Miler | 8          | 745 mm.     | 174 mm.       | 60              |



| Size    | Pattern  | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|----------|------------|-------------|---------------|-----------------|
| 6.00-16 | Duro Rib | 8          | 742 mm.     | 175 mm.       | 60              |



| Size    | Pattern   | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|-----------|------------|-------------|---------------|-----------------|
| 6.00-16 | Max Power | 8          | 745 mm.     | 174 mm.       | 60              |



| Size    | Pattern  | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|----------|------------|-------------|---------------|-----------------|
| 6.00-16 | Tuff Lug | 10         | 742 mm.     | 174 mm.       | 75              |



| Size    | Pattern    | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|------------|------------|-------------|---------------|-----------------|
| 6.00-16 | Power King | 10         | 745 mm.     | 172 mm.       | 75              |



| Size    | Pattern    | Ply Rating | Overall dia | Section width | Infla PSI (Max) |
|---------|------------|------------|-------------|---------------|-----------------|
| 7.00-19 | Power King | 10         | 855 mm.     | 195 mm.       | 75              |



| FEATURE                                       | BENEFITS  |
|---|---|
| 5 Rib design<br>Unique shoulder window design | Good mileage<br>Enhanced air circulation for<br>cooking & better retreadability |



| Size    | Pattern  | Rim Size/<br>Pressure | Overall dia | Overall width | NSD      |
|---------|----------|-----------------------|-------------|---------------|----------|
| 7.00-15 | Duro Rib | 6.00'X16'/<br>75 PSI  | 772 mm.     | 206 mm.       | 12.0 mm. |
| 7.50-16 | Duro Rib | 6.00'X16'/<br>110 PSI | 812 mm.     | 216 mm.       | 12.0 mm. |



| Size    | Pattern  | Rim Size/<br>Pressure | Overall dia | Overall width | NSD      |
|---------|----------|-----------------------|-------------|---------------|----------|
| 7.00-16 | Milo Rib | 6.00'X16'/<br>90 PSI  | 785 mm.     | 202 mm.       | 12.0 mm. |
| 7.50-16 | Milo Rib | 6.00'X16'/<br>110 PSI | 815 mm.     | 216 mm.       | 12.0 mm. |
| 8.25-16 | Milo Rib | 6.00'X16'/<br>95 PSI  | 848 mm.     | 230 mm.       | 14.0 mm. |





| FEATURE  | BENEFITS   |
|--|--|
| Unique tread compound<br>Extra strong casing<br>Aggressive tread pattern | Good mileage<br>Better safety & Retreadability<br>Better road grip |



| Size    | Pattern | Rim Size/<br>Pressure | Overall dia | Overall width | NSD      |
|---------|---------|-----------------------|-------------|---------------|----------|
| 7.50-16 | Mtrac   | 6.00'X16'/<br>110 PSI | 831 mm.     | 218 mm.       | 17.5 mm. |
| 8.25-16 | Mtrac   | 6.00'X16'/<br>95 PSI  | 855 mm.     | 228 mm.       | 18.0 mm. |



| Size    | Pattern | Rim Size/<br>Pressure | Overall dia | Overall width | NSD      |
|---------|---------|-----------------------|-------------|---------------|----------|
| 7.00-16 | Maxlug  | 6.00'X16'/<br>90 PSI  | 790 mm.     | 200 mm.       | 13.5 mm. |
| 7.50-16 | Maxlug  | 6.00'X16'/<br>110 PSI | 828 mm.     | 215 mm.       | 18.0 mm. |
| 8.25-16 | Maxlug  | 6.00'X16'/<br>95 PSI  | 856 mm.     | 226 mm.       | 18.0 mm. |

**MTL**

**BUTYL INNER TUBES**

*"For Confident Drive and Safer Ride"*





## PRODUCT RANGE SPECIFICATIONS

### MTL High Performance Butyl Tube

| MOPED        |            | SCOOTER |                 | MOTOR CYCLE       |            | 3 WHEELER |            |
|--------------|------------|---------|-----------------|-------------------|------------|-----------|------------|
| Size         | Valve Code | Size    | Valve Code      | Size              | Valve Code | Size      | Valve Code |
| 2.25/2.50-16 | TR-29      | 3.50-8  | V1-08-3         | 2.25/2.50/2.75-17 | TR-29      | 4.00-8    | V-08-3     |
|              |            | 2.75-10 | V1-08-1,V1-08-3 | 3.00-17           | TR-29      | 4.50-10   | TR-13      |
|              |            | 3.00-10 | V1-08-3         | 2.50/2.75-18      | TR-29      |           |            |
|              |            | 3.50-10 | V1-08-1         | 3.00-18           | TR-29      |           |            |
|              |            |         |                 | 100/90-18         | TR-29      |           |            |
|              |            |         |                 | 3.00/3.25-19      | TR-29      |           |            |

| PASSENGER    |            | LCV          |                 | TRUCK    |            |
|--------------|------------|--------------|-----------------|----------|------------|
| Size         | Valve Code | Size         | Valve Code      | Size     | Valve Code |
| 4.50/5.65-12 | TR-13      | 6.00/6.50-14 | TR-13           | 9.00-20  | TR-175     |
| 5.60-13      | TR-13      | 7.00-15      | TR-15/TR-75 A   | 10.00-20 | TR-78 A    |
|              |            | 6.00/6.50-16 | TR-15           | 11.00-20 | TR-78 A    |
|              |            | 7.00-16      | TR-75A/TR-15    | 12.00-20 | TR-78 A    |
|              |            | 7.50-16      | TR-75A/TR-77A   | 12.00-24 | TR-78 A    |
|              |            |              | TR-177A/AB-1582 |          |            |
|              |            | 8.25-16      | TR-75A/TR-77A   |          |            |
|              |            |              | TR-177A/AB-1582 |          |            |





**Recommended Flaps for following Tyre size**

| FLAP      |           |
|-----------|-----------|
| Tyre Size | Flap Code |
| 7.00-15   | 15 M      |
| 7.00-16   | 16 N      |
| 7.50-16   | 16 N      |
| 8.25-16   | 16 N      |



## **MONOTONA TYRES LTD.**

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