

## **CUT SECTION OF SOLID TYRE**

- **The Internal Construction of Solid Tyres is an important factor in deciding what tyres are required for your operation**
- **There are basically 2 main types of resilient solid tires**
  1. **3 x Layer / Compound tyres for Long Distance Travel**
    - **3-layer compound solid tires consist of**
    - **Special hard wearing Tread rubber for long tire life**
    - **Soft Middle layer special compound, for cooling during long distance travel**
    - **Bead wires and bead section to stop tyres slipping on the rim**
    - **These 3 Layer compound tyres are specially developed for long distance travel, cool running, and long tyre life**
  2. **2 x Layer Standard Solid Tyres tires for Short Distance travel**

**These tires consist of :**

    - **Hard wearing tread rubber for longer tire life**
    - **Standard middle area , made up of standard rubber and filler material which is suitable for short distance travel for short hours**
    - **These tires are Cheaper in cost -- than the Special 3 Layer Compound long distance**



## How it is built (3 layer):



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### Tread layer

- Slow wearing rubber compound for long tire life

### Middle layer

- Special soft rubber compound for high shock absorption and cool running properties

### Heel layer

- Hard rubber compound in combination with steel bead reinforcements for excellent tension on the wheel and tire on rim slip prevention



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