



ALLIANCE  
**CONSTRUCTION &  
INDUSTRIAL**

TRA: **R-4**  
Speed Rating: **A8**

TL

TUBE LESS

Alliance 533 is an industrial drive tire constructed for non-agricultural applications. The robust diagonal construction with the additional number of plies provides excellent ground stability and load carrying capacity which is vital while plying through uneven surfaces (construction sites). A specially designed tread pattern promises high traction with excellent self-cleaning, better braking and high on-road mileage.

**TRACTOR - 19.5L-24**



| Size     | Rim       | Unloaded Dimension |       | Loaded Static radius mm | Rolling Circumference mm | Load Index PR Symbols | Inflation Pressure bar | Recommended Load |         |                    |         |
|----------|-----------|--------------------|-------|-------------------------|--------------------------|-----------------------|------------------------|------------------|---------|--------------------|---------|
|          |           |                    |       |                         |                          |                       |                        | Speed            |         |                    |         |
|          |           |                    |       |                         |                          |                       |                        | Industrial Use   |         |                    |         |
|          |           |                    |       |                         |                          |                       |                        | Constant load    |         | Cyclic Application |         |
|          |           | SW mm              | OD mm |                         |                          |                       |                        | 20 kmph          | 40 kmph | 20 kmph            | 40 kmph |
| 19.5L-24 | W17L W16L | 495                | 1314  | 580                     | 3823                     | 8PR                   | 1.3                    | 2540             | 2330    | 2870               | 2330    |
|          |           |                    |       |                         |                          | 143A8                 | 1.5                    | 2760             | 2530    | 3110               | 2530    |
|          |           |                    |       |                         |                          |                       | 1.7                    | 2970             | 2725    | 3350               | 2725    |
|          |           |                    |       |                         |                          | 10PR                  | 1.8                    | 3250             | 2980    | 3670               | 2980    |
|          |           |                    |       |                         |                          | 147A8                 | 1.9                    | 3350             | 3075    | 3780               | 3075    |
|          |           |                    |       |                         |                          | 12PR                  | 2                      | 3470             | 3180    | 3910               | 3180    |
|          |           |                    |       |                         |                          | 151A8                 | 2.2                    | 3660             | 3360    | 4130               | 3360    |
|          |           |                    |       |                         |                          |                       | 2.3                    | 3760             | 3450    | 4240               | 3450    |

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|----------|-----------|--------------------|-------|-------------------------|--------------------------|-----------------------|------------------------|------------------|----------------|---------|---------|
|          |           |                    |       |                         |                          |                       |                        | Speed            |                |         |         |
|          |           |                    |       |                         |                          |                       |                        | Agricultural Use |                |         |         |
|          |           |                    |       |                         |                          |                       |                        | Field            | Road Transport |         |         |
|          |           | SW mm              | OD mm |                         |                          |                       |                        | 10 kmph          | 20 kmph        | 40 kmph | 50 kmph |
| 19.5L-24 | W17L,W16L | 495                | 1314  | 580                     | 3823                     | 8PR                   | 1.1                    | 1870             | 2350           | 1750    | 1590    |
|          |           |                    |       |                         |                          | 143A8                 | 1.3                    | 2070             | 2590           | 1930    | 1760    |
|          |           |                    |       |                         |                          |                       | 1.5                    | 2250             | 2810           | 2100    | 1910    |
|          |           |                    |       |                         |                          | 10PR                  | 1.6                    | 2450             | 3070           | 2290    | 2080    |
|          |           |                    |       |                         |                          | 147A8                 | 1.7                    | 2540             | 3180           | 2370    | 2160    |
|          |           |                    |       |                         |                          | 12PR                  | 1.8                    | 2590             | 3240           | 2420    | 2200    |
|          |           |                    |       |                         |                          | 151A8                 | 2                      | 2760             | 3460           | 2580    | 2350    |
|          |           |                    |       |                         |                          |                       | 2.1                    | 2840             | 3550           | 2650    | 2410    |

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|----------|-----------|--------------------|-------|-------------------------|--------------------------|-----------------------|------------------------|------------------|----------------|---------|---------|
|          |           |                    |       |                         |                          |                       |                        | Speed            |                |         |         |
|          |           |                    |       |                         |                          |                       |                        | Agricultural Use |                |         |         |
|          |           |                    |       |                         |                          |                       |                        | Field            | Road Transport |         |         |
|          |           | SW mm              | OD mm |                         |                          |                       |                        | 10 kmph          | 20 kmph        | 40 kmph | 50 kmph |
| 19.5L-24 | W17L,W16L | 495                | 1314  | 580                     | 3823                     | 12PR                  | 1.8                    | 2590             | 3240           | 2420    | 2200    |
|          |           |                    |       |                         |                          | 151A8                 | 2                      | 2760             | 3460           | 2580    | 2350    |
|          |           |                    |       |                         |                          |                       | 2.1                    | 2840             | 3550           | 2650    | 2410    |

This size is not active for production