

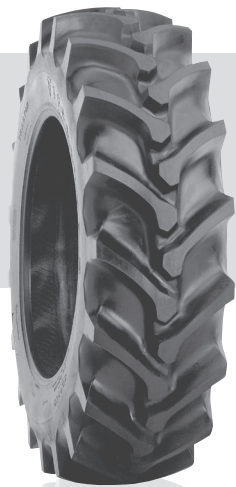


FIRESTONE AG PRODUCT BULLETIN

CFO



RADIAL CHAMP SPADE GRIP TL-R-2



DESCRIPTION: Radial Champ Spade Grip TL – R-2

SIZE: IF520/85R42CFO

APPLICATIONS: Combines, Cotton Harvesters

- AD₂ technology is part of a new class of farm tires that can help improve the productivity of today's heavier equipment.
- IF- and VF-designated tires can carry more load (up to 20% and 40% respectively) at the same pressure.
- Improved traction – AD₂ technology provides increased deflection that will result in a larger footprint for improved traction in wet harvest conditions.
- Improved ride – a benefit of increased sidewall deflection.
- [R-2] This R-2 tire features 45° extra deep tread which allows for extra traction in wet to muddy soils.
- Tread and sidewall rubber compounds to help resist weather cracking and ozone degradation.
- Popular Champion Spade Grip design plus all the advantages of a Firestone radial – long life, better traction and excellent fuel economy.

| | | | | TIRE DIMENSIONS (IN.) | | | | | | | | CONTACT AREA (SQ. IN.) | |
|----------------|-----------------|------------|---------------------|-----------------------|---------------|--------------|----------------------|-----------------|-----------------------|------------------|-------------------|------------------------|--------------------------------|
| TIRE SIZE | MATERIAL NUMBER | LOAD INDEX | SPEED SYMBOL RATING | DESIGN RIM WIDTH | OVERALL WIDTH | OVERALL DIA. | STATIC LOADED RADIUS | ROLLING CIRCUM. | ROLLING CIRCUM. INDEX | BAR HEIGHT 32NDS | BAR HEIGHT INCHES | FLAT PLATE | MAX. LOAD & INFL. (LBS. @ PSI) |
| IF520/85R42CFO | 003-170 | 169 | B | 18.00 | 22.5 | 77.4 | 34.9 | 230 | 47 | 105 | 3.27 | 470 | 12800 @ 35 |

| LOAD AND INFLATION TABLE | | | | | | | | | |
|--------------------------|--------------------------|---------------------------|-----|-----------------------------------|------|----------------------------|------|---|------|
| TIRE SIZE DESIGNATION | BASIC TIRE LOAD INDEX NO | CYCLIC INFLATION PRESSURE | | FIELD SERVICE MAXIMUM CYCLIC LOAD | | | | ROAD TRANSPORT MAXIMUM LOAD MAX. SPEED 25 MPH (40 KM/H) | |
| | | | | MAX SPEED 10 MPH (15 KM/H) | | MAX SPEED 20 MPH (30 KM/H) | | | |
| | | psi | kPa | lbs | kg | lbs | kg | lbs | kg |
| IF520/85R42CFO | 169 | 35 | 240 | 19840 | 8990 | 16640 | 7540 | 12800 | 5800 |

Refer to Table F2 on page 146 of the Tire Data Book for cyclic loading details.

