



**TYRON**  
Runflat





ATR-SP



ATR-CUSTOM



ATR-MP



BEADLOCK

**TYRON**  
Runflat

**TYRON ATR**  
**RUBBER ALL-TERRAIN**  
**RUNFLATS AND BEADLOCKS FOR**  
**ALL FORCE PROTECTION**  
**APPLICATIONS**



ATR-CARBON

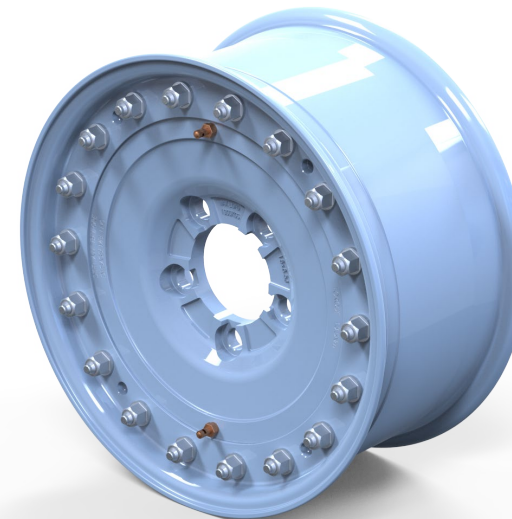


**TYRON**  
Runflat

## TYRON MULTI-BAND

DESIGNED FOR BLUE LIGHT,  
LIGHTWEIGHT SNATCH AND  
STAFF/VIP AUTOMOTIVE AND  
COMMERCIAL VEHICLES IN AN  
URBAN ENVIRONMENT





**TYRON**  
Runflat

**SINGLE PIECE, TWO PIECE AND  
THREE PIECE WHEEL SOLUTIONS  
IN STEEL AND ALUMINIUM  
(Multi Piece Runflats and two  
piece wheels are field  
serviceable with no special  
tools required)**

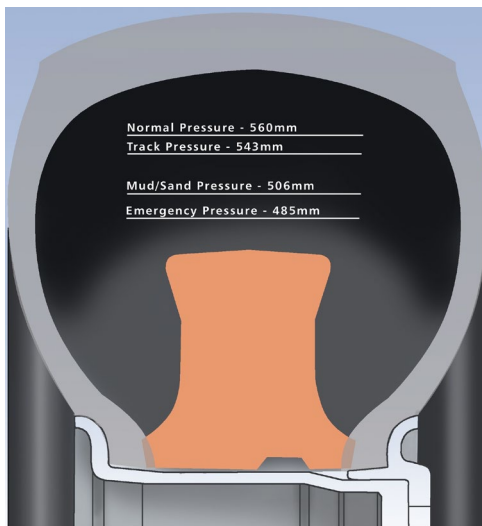




**TYRON**  
Runflat

**RUBBER GUARANTEES  
BEADLOCK, ABSORBS IMPACTS,  
HAS NO IMPINGEMENT ISSUES  
AND IS RECOMMENDED BY  
TYRE MANUFACTURERS**



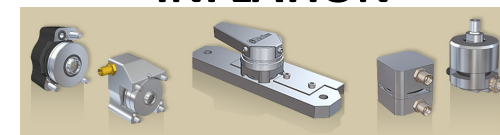


Tyre Pressure vs Foot Print Length and Tyre Deflection

6.2 bar / 90 psi	4.1 bar / 60 psi	3.1 bar / 45 psi	2.1 bar / 30 psi
25.8 cm	32.0 cm	33.8 cm	36.3 cm
8.5%	15%	23%	30%

**TYRON**  
Runflat

**MAXIMUM MOBILITY  
THROUGH VARIABLE TYRE  
PRESSURES AND CENTRAL TYRE  
INFLATION**





## CURRENT LIGHT WEIGHTING



Weight is a major concern for all military vehicles, and in particular in the area of unsprung mass.

The TYRON CARBON ATR is 40% lighter than conventional rubber runflats.

Example: An 8x8 with 16.00r20 could be 300kg lighter allowing increased load capacity

## FUTURE LIGHT WEIGHTING

Targets:

Reduction in GVW mass for an 8x8 platform by a minimum of 800kg

Greater durability and ballistic or blast survivability

Future Development Target:

Anti Ballistic Carbon Wheel,  
Carbon Runflat & 16.00r20 Tyre

**saves 110kg per assembly!**

**TYRON**  
Runflat

CONTACT

Peter Simson

[peter@tyron.com](mailto:peter@tyron.com)

+44 (0)7741 635699

OR

[info@tyron.com](mailto:info@tyron.com)