



FORMULA FORD TYRE USER GUIDE

1) Fitting :-

Tyres must be fitted in the correct direction of rotation as shown below.
 Tyres must be kept dry at all times, keep out of rain and away from all water.
 Tyres must be fitted using a “solid” type fitting paste or wax, this will minimise moisture content in the tyre.
 The front tyre should be fitted and then inflated to 60 p.s.i. then dropped to 20 p.s.i. both tyres in a set should be inflated to the same pressure to ensure equal size.
 The rear tyre should be fitted and then inflated to 40 p.s.i. then dropped to 20 p.s.i. both tyres in a set should be inflated to the same pressure to ensure equal size.
 The inflating air used must be clean and dry, if this is not possible bottled air or nitrogen can be used for purging “wet” air and then inflating to running pressure. This will ensure minimal pressure rise due to temperature (approximately 4-5 p.s.i.)
 The valve should be of the short rubber type and a strong spring, high heat core should be used, a steel valve cap with secondary rubber seal should then be fitted.
 The wheel and tyre assembly can now be balanced.
 The tyres can now be set to running pressures as below.

Cold start pressure (Recommended)	Front 14 Psi Rear 15 Psi	Fitting x = Spec No.	
Hot running pressure (Recommended)	Front 19 Psi Rear 20 Psi		

2) Size :-

An undersize tyre can be “stretched” with a period of high inflation. (60 p.s.i. for 30 minutes)

3) Running :-

Run race set of tyres, in testing, for 4 - 5 normal laps to “scrub” them in.
 This will make tyres run consistently over race distance.

Tyres will run OK at about	175° - 230°F	-	80° - 110°C
Start to “go off” over	240°F	-	115°C
Compound will fail over	280°F	-	140°C

4) Storage :-

When stored pressure should not be dropped below running pressure as this may cause tyres to change in size and shape. Tyres should be stored in a cool dry place away from direct sunlight.

5) Wets :-

Wet tyres should be treated as above with the following pressure difference.

Cold start pressure	Front 20 Psi Rear 22 Psi
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