



KART RACING TIRE

MOJO D1 (medium grip dry tire)

0,70 bar

0,70 (± 0,05) bar / 10 (± 1) lbs.

rear: 7.1 / 11.0 - 5 | **front:** 4.5 / 10.0 - 5
Rec. pressures (cold)

SAFETY WARNING:

- FOR RACING PURPOSE ONLY!
- Inflate tires using a safety cage
(Max. inflation pressure 4,0 bar / 58 lbs.).
- Always mount tires on specified rim only.
- Never use cracked, rusted or deformed rims.

SET UP RECOMMENDATIONS:

DRY

2 mm + camber / 2 mm toe - out
Neutral caster.

Pressures: 0.65 bar / 10 lbs.

Rear track: 1375 - 1390 mm

Front track: 1145 - 1195 mm

MOJO W1 (medium grip wet tire)

1,20/1,70 bar

Damp track: **1,20 (± 0,25) bar / 18 (± 3) lbs.**

Wet track: **1,70 (± 0,20) bar / 25 (± 3) lbs.**

rear: 6.0 / 11.0 - 5 | **front:** 4.5 / 10.0 - 5
Rec. pressures (cold)

- Use lubricant (tire paste) when mounting tire on rim.
- Mount tires with correct direction of rotation.
- Do not use screwdrivers etc. to mount tire onto rim.
- Beware of bead locking screws are not protruding through the rim when inflating the tire.

WET

Full caster / 10 mm toe - out

Pressures: Damp track 1 - 1.5 bar / 15 - 22 lbs.

Wet track 1.5 - 1.9 bar / 22 - 28 lbs.

Rear track: 1345 - 1355 mm

Front track: As wide as possible

BEFORE USAGE:

1. Always check the wheel alignment is correct.
2. Balance wheels (with tires mounted) prior to use and re-check after initial use.
3. Set pressures to recommended (see above) or a preferred setting.
4. Fit valve caps to avoid loosing air and to stop dirt or moisture entering valve.

FIRST LAPS:

1. Scrub in tires:
 - Complete 5 laps at a medium pace without sliding the kart.
 - Stop & let tires cool down.
 - Re-commence driving at race speed.
2. Continually check pressures to establish a good working pressure and temperature. If pressures have increased more than 0.3 bar / 4 lbs. during first laps, lower pressures before next drive session by 0.07 bar / 1 psi.
3. Look for any unusual signs of tire wear or damage.

LOOKING AFTER YOUR TIRES:

1. After use reduce tire pressure.
2. When not in use, keep tires away from direct sunlight, fluorescent lights, electric motors and high temperatures.
3. Check wheel alignment before next outing.

TROUBLE SHOOTING:

- PROBLEM:** UNDERSTEER: Front of kart pushes when entering corners.
SOLUTION: Increase front tire pressures (0.07 bar / 1 psi).
Decrease rear tire pressures (0.07 bar / 1 psi).
- PROBLEM:** OVERSTEER: Rear of kart slides when entering corners.
SOLUTION: Increase rear tire pressures (0.07 bar / 1 psi).
Decrease front pressures (0.07 bar / 1 psi).
- PROBLEM:** Kart bounces in corners.
SOLUTION: Increase tires pressures on all tires (0.07 bar / 1 psi).
- PROBLEM:** Kart 2 wheels in corners.
SOLUTION: Decrease tire pressures on all tires (0.07 bar / 1 psi).
- PROBLEM:** Kart takes a long time to find grip.
SOLUTION: Increase pressure on all tires (0.07 bar / 1psi).
- PROBLEM:** Kart loses grip towards end of driving session or race.
SOLUTION: Decrease pressure on all tires (0.07 bar / 1psi).

For further information please visit: www.kart-rotax.com