

Tire Pressure (psi)

Maximum Braking Coefficient (tire-to-ground)

$$50 \quad \mu_{t/g_{MAX}} = -0.0350 \left(\frac{V}{100} \right)^3 + 0.306 \left(\frac{V}{100} \right)^2 - 0.851 \left(\frac{V}{100} \right) + 0.883$$

$$100 \quad \mu_{t/g_{MAX}} = -0.0437 \left(\frac{V}{100} \right)^3 + 0.320 \left(\frac{V}{100} \right)^2 - 0.805 \left(\frac{V}{100} \right) + 0.804$$

$$200 \quad \mu_{t/g_{MAX}} = -0.0331 \left(\frac{V}{100} \right)^3 + 0.252 \left(\frac{V}{100} \right)^2 - 0.658 \left(\frac{V}{100} \right) + 0.692$$

$$300 \quad \mu_{t/g_{MAX}} = -0.0401 \left(\frac{V}{100} \right)^3 + 0.263 \left(\frac{V}{100} \right)^2 - 0.611 \left(\frac{V}{100} \right) + 0.614$$