



## FIELD BULLETIN

### HIGHLIGHTS

› Brake Fluid Hose Applications

› Types of Brake Fluid

› Gates Hose Solutions

### DECEMBER 6, 2011

#### BRAKE FLUID HOSE APPLICATIONS

For Brake Fluid Hose Applications, Gates does not have a recommendation for hydraulic, pressure rated brake hoses. However, **Gates does offer hose solutions for gravity fed, zero pressure side** (reservoir to master cylinder). DOT certification is not historically required for this application.

#### TYPES OF BRAKE FLUID

There are three main types of brake fluid available:

- DOT3 – synthetic Glycol-Ether based fluid; absorbs water
- DOT4 – synthetic Glycol-Ether based fluid; absorbs water
- DOT5 – silicone based fluid; does not absorb water. For use in systems at ambient temperatures ranging from -67°F to +131°F (-55°C to +55°C) and meets the higher boiling point requirements for racing.

#### GATES HOSE SOLUTIONS

Fluid Type	Hydraulic, Pressure Rated Hose	Gravity Fed, Zero Pressure Hose
Hydraulic (Petroleum base)	No Recommendation	Gates Hose with <b>Nitrile</b> Tube <ul style="list-style-type: none"> <li>• Safety Stripe II Fuel Hose</li> </ul>
DOT3	No Recommendation	Gates Hose with <b>EPDM</b> Tube <ul style="list-style-type: none"> <li>• Heater Hose (Green Stripe, Charter, Safety Stripe)</li> <li>• Windshield Washer, Radiator Overflow Tubing</li> </ul>
DOT4	No Recommendation	Gates Hose with <b>EPDM</b> Tube <ul style="list-style-type: none"> <li>• Heater Hose (Green Stripe, Charter, Safety Stripe)</li> <li>• Windshield Washer, Radiator Overflow Tubing</li> </ul>
DOT5	No Recommendation	Gates Hose with <b>EPDM</b> Tube <ul style="list-style-type: none"> <li>• Heater Hose (Green Stripe, Charter, Safety Stripe)</li> <li>• Windshield Washer, Radiator Overflow Tubing</li> </ul>