

Even .50 Cals fear us.



RePneuTV™ eliminates flat tires in the most hazardous operating environments. With RePneuTV flatproofing technology, tires withstand .50 caliber ballistic rifle shots and continue running.

A high performance liquid polyurethane polymer, pumped into the tire through the valve stem, replaces all of the air and cures to a resilient, synthetic ballistic core.

- Bulletproof, no-flat tire performance
- Eliminates downtime
- Shrapnel/battle debris puncture resistant
- Prevents catastrophic tire blowouts
- Mitigates IED blasts
- Super shock absorbing polymer for a smoother ride
- Extra elastomeric polymer support for improved vehicle stability
- Improved traction and tire wear for enhanced performance



Freedom from Flats™

RePneuTV gives troops the performance they need to reach the safety zone.



Tested and Proven

In comparative testing at the Nevada Automotive Test Center (NATC), tires filled with TyrFil RePneuTV outperformed the competition.

- Three .50 caliber ball ammunition rounds were fired into the sidewall and two into the tread areas.
- There was no visible damage to the RePneuTV–28 durometer “medium” hardness polymer flatproofed tire sidewall where the shots exited the test tire on the inside sidewall.
- The RePneuTV filled tire completed a 50 mile test after being shot with no failure.
- The competition only made it 5 miles before suffering a catastrophic failure.



RePneuTV – .50 cal entry points



RePneuTV – .50 cal exit wound

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