



SPIR STAR[®]

SPIR STAR's 6mmHydrogen

The only hydrogen fueling hose certified by TÜV Hessen

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The future will rely upon our abilities to find and use new alternative energies as the oil and gas of the world is getting depleted. Car manufacturers are actively developing new products that utilize alternative fuels, such as hydrogen. This fuel has been modified over the past few years and is getting the main attention of the market. Not only have the car manufacturers looked to hydrogen as a new form of energy, the fueling stations and transportation industries are searching for safe ways to transfer this fuel to the vehicle.



Picture: Adam Opel GmbH

SPIR STAR has realized this new industry requirement and has taken an aggressive step to develop a new hose, 6mmHydrogen, for the hydrogen community. This has become possible after the close cooperation between SPIR STAR and the OEMs.



The 6mmHydrogen has been certified by TÜV Hessen (TÜV = Association for Technical Inspection) as a connection hose from dispenser to fueling nozzle for gaseous compressed hydrogen for a working pressure of 875 bar (12,700 psi). The temperature working range from -40°C to +65°C (-40°F to 150°F) enables the operation with all dispenser types according to SAE TIR J2601.

