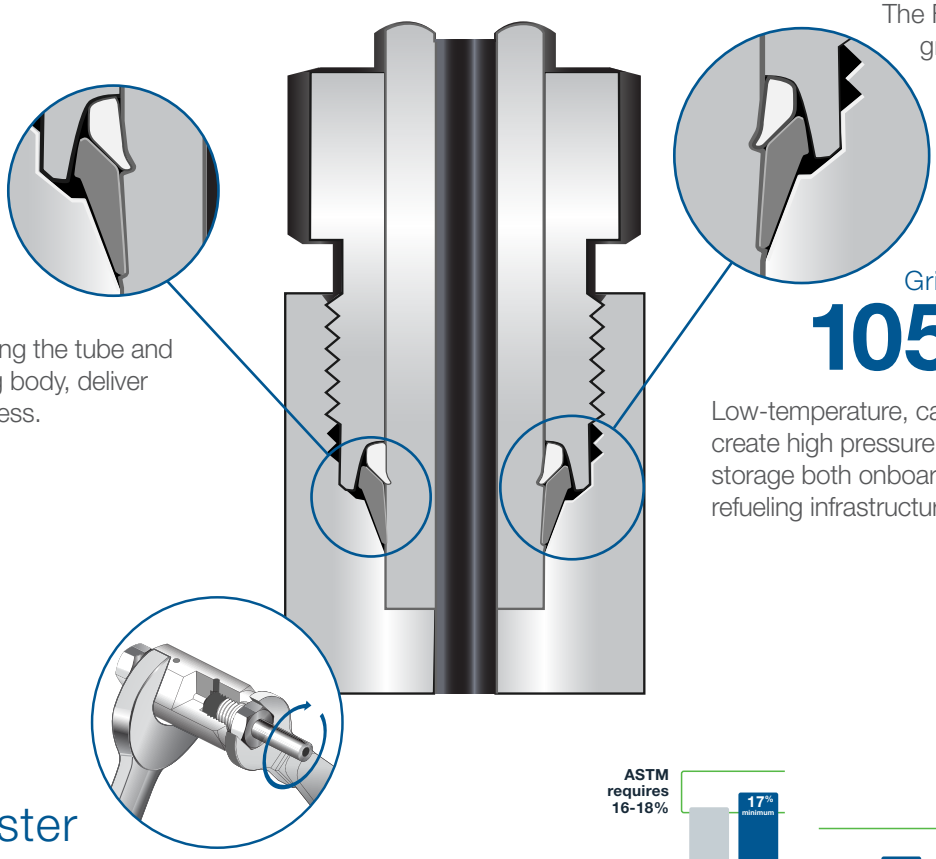
The Anatomy of a Hydrogen Fitting

Swagelok's FK series fitting is engineered for reliable performance that your applications demand.

Uncompromising **Vibration Resistance**

The FK series fitting maintains grip and force even under high vibration and loading via two-ferrule, hinging-colleting action.



Reliable **Gas Seal**

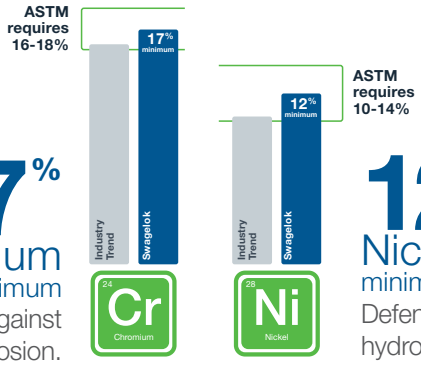
Two contact zones, along the tube and another along the fitting body, deliver outstanding leak-tightness.

Grip Performance Up to **1050 Bar**

Low-temperature, case-hardened ferrules create high pressure ratings ideal for hydrogen storage both onboard vehicles and within refueling infrastructure.

5X Faster Installation

An innovative design allows far faster assembly than traditional cone and thread fittings. A preassembled cartridge enables installers to use common tools and requires minimal training.



17% Chromium minimum
Protects against common corrosion.

12% Nickel minimum
Defends against hydrogen embrittlement.

nl.swagelok.com

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