

The image features a stylized background with a large, glowing yellow and orange circular shape in the center, resembling a sun or a large pipe. The top of the image has a dark grey background with a teal wavy line. The word "Teel" is written in a teal, italicized font in the top right corner.

Teel

Knowledgeable. Experienced. Dependable.

PA12 GAS PIPE

PA 12 Gas Pipe

Teel's polyamide 12 gas pipe is made from polyamide material that meets or exceeds regulatory, performance, and cell classification standards for gas applications up to 250 psi. It is compliant with PHMSA requirements for regulated gas distribution operations and is compliant with all standard joining techniques designed for use with polyamide.

Product Specifications

SDR: 11 and 13.5

Size Range: 1" - 6" diameter

Coil Length: Available in 40' or 50' sticks. Also available on reels and in coils.

ASTM-Driven Quality Assurance

Teel's PA 12 meets or exceeds the applicable test standards listed in ASTM F2785-18a. These include:

Initial Validation

- Resistance to Crack Propagation – ISO 13478
- Short- and Long-Term Properties – D6779 & D2837
- Slow Crack Growth – F1473
- Outdoor Storage Stability – F2785-18a
- Chemical Resistance – D543
- Elevated Temperature Service – D2837

Semi-Annual Testing

- Sustained Pressure – D1598

Production Testing

- Dimensional Requirements – D2122
- Minimum Hydrostatic Burst Pressure – D1599



Innovative Polyamide 12 Material Compared to Alternatives

PA to PE

- Higher operating pressures – allowed up to 250 psig
- No chemical deration
- Higher temperature performance
- Lower gas permeation
- Squeeze-off compatible
- Works with electrofusion and butt fusion
- More scratch and abrasion resistant for rocky soil

PA to Steel

- Much faster install rate – no welding
- No need for 100% inspection of joints
- Spoolable up to 4"
- Can be hot-tapped
- Can be plowed and installed by HDD
- No reaction to sour or wet gas
- No cathodic protection required