

Supply Solutions for the Hydrocarbon Processing Industry

To meet increasing demand for large OD pipes used in gas processing, refineries, petrochemicals and Power Generation (PG) applications, Tenaris produces Expander pipe in diameters of 16" to 28".



▲ *Expander pipe is rolled in a transversal way, utilizing a plug in between two disks.*

For customers with short deadlines, Tenaris offers flexibility and accountability to keep projects on schedule and on budget. Because of our fully integrated steel shop, Tenaris can make last-minute design changes in wall thickness and pipe diameter, including changes that have Severe Sour Service specifications. With advanced planning and communication about estimated needs, Tenaris can prepare for changes in production at any moment.

Tenaris's seamless Expander pipe is available in steel grades ranging from carbon steel to high alloys, enabling it to withstand demanding environments, such as those with high-pressure. For PG applications, we have the ability to produce P91 pipes ranging from 16" to 24" for Steam Lines, Plant Steam Piping and Headers. Additionally, we are one of the few Expander pipe producers that offers an entire range of products

from 3/4" to 28" for the Hydrocarbon Processing industry.

In addition to producing Expander pipe in a variety of wall thicknesses and diameters, we can produce it in minimal quantities for projects, allowing customers to remain close to their estimated budgets. Currently, Tenaris will manufacture a minimum quantity of 50 meters.

Tenaris produces Expander pipe for gas processing projects including:

- Natural Gas-to-Liquid (NGL)
- Liquefied Natural Gas (LNG)
- Gas-to-Liquids (GTL) interconnecting lines and offshore gas export lines
- LNG regasification plant
- Liquid Petroleum Gas
- Gas-Oil Separation Plants (GOSP)
- Compression Stations
- Gas Sweetening and Gas treatment plants
- Syngas plants
- Helium plants

Tenaris also produces Expander pipe for refineries and petrochemical applications including:

- Severe Sour Service applications in gas treatment plants such as Hydrotreaters and Sulphur Recovery units.
- Ethylene and Propylene plants
- Aromatics



PROCESS AND POWER PLANT SERVICES

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