

# GRE line pipe



Repsa GRE line pipes have a proven performance and durability, thanks to their excellent corrosion and abrasion resistance.

With a broad compatibility with various fluids they meet their main application in the following industries:

- Chemical-industrial
- Food
- Steel
- Oil & gas,
- Pharmaceutical
- Automotive.

### Compatibility

- Strong acids and bases.
- Water (drinking, process, cooling, residual, etc.).
- Brine
- Condensed.
- Gases (CO<sub>2</sub>, H<sub>2</sub>S, natural gas, etc.).

### Benefits

- Excellent corrosion / abrasion resistance.
- High mechanical resistance.
- Low weight (1/10 of the carbon steel pipe weight).
- Better chemical resistance than carbon steel & PVC / CPVC.



- Similar separation between supports to that required for steel pipes.
- Operating temperatures up to 120° C.
- Diameter up to 24 inches.
- Operating pressures up to 12 bar.
- Lower maintenance and replacement costs.

- Energy saving. Lower friction load losses and lower pumping costs.
- Easy installation.

### Accessories

Our GRE pipe range is accompanied by the most complete line of accessories on the market.

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DESIGN	DIAMETER INCHES	MAXIMUM OPERATING TEMPERATURE		PRESSURE		APPLICATIONS	FLUID	JOINT	THREAD
		C°	F°	PSI	KG/CM²				
API 15HR	2 - 4	65	150	500/3500	35/246	Conduction lines Water injection lines Injection gas lines	Fresh water Salt water Production water	Integral joint	8 rd
	6 - 8			300/2500	21/175			Threaded and coupled	AC 2 HPP
	10 - 14			300/1500	21/105			Integral joint	AC 2 HPP
	2 - 4	85	185	500/3500	35/246	Oil pipeline Water pipeline Gas pipeline	Oil Natural Gas Acid gas (with CO <sub>2</sub> /H <sub>2</sub> S content)	Integral joint	8 rd
	6 - 8			300/2500	21/175			Threaded and coupled	AC 2 HPP
	10 - 14			300/1500	21/105			Integral joint	AC 2 HPP
	2 - 4	95	203	500/3500	35/246	Oil pipeline Water pipeline Gas pipeline	Oil Natural Gas Acid gas (with CO <sub>2</sub> /H <sub>2</sub> S content)	Integral joint	8 rd
	6 - 8			300/2500	21/175			Threaded and coupled	AC 2 HPP
	10 - 14			300/1500	21/105			Integral joint	AC 2 HPP
	2 - 4	120	248	500/3500	35/246	Oil pipeline Water pipeline Gas pipeline	Oil Natural Gas Acid gas (with CO <sub>2</sub> /H <sub>2</sub> S content)	Integral joint	8 rd
	6 - 8			300/2500	21/175			Threaded and coupled	AC 2 HPP
	10 - 14			300/1500	21/105			Integral joint	AC 2 HPP

## Accessories

Elbows 22°	Flanges 2 HPP	Reducers	Tees
Elbows 45°	Flanges 8 HPP	Adaptors or reducing couplers	Couplers
Elbows 90°	Nipples		Repairing tubes

DIAMETER INCHES	MAXIMUM OPERATING TEMPERATURE		FLANGES SERIE	ELBOWS	TEES	NIPPLES	MINIMUM LENGTH MM	REPAIRING TUBES	FLUID	THREAD
	°C	°F		PRESSURE PSI	PRESSURE PSI	PRESSURE PSI		PRESSURE		
2	65 - 120	150 - 248	150 300 600 900 1500	500 - 2500	500 - 2500	300 - 3500	250	500 - 3500	Fresh water Salt water Production water Oil Natural Gas Acid gas (with CO <sub>2</sub> /H <sub>2</sub> S content)	8 rd
2 1/2				500 - 2500	500 - 2500	300 - 3500		500 - 3500		8 rd
3				500 - 2500	500 - 2500	300 - 3500		500 - 3500		8 rd
4				500 - 2000	500 - 2000	300 - 3500	500 - 3500	8 rd		
6				500 - 1000	500 - 1000	300 - 2500	300	500 - 2500		8 rd & AC 2 HPP
8				500	500	300 - 2500		500 - 2500		8 rd & AC 2 HPP
10							360	500 - 1500		AC 2 HPP
12						300 - 1250		500 - 1500		AC 2 HPP
14						300 - 1000		500		500 - 1000