

GRE casing

The GRE casing developed by Repsa, is manufactured with a special resin composed matrix that give excellent chemical compatibility with salt water, hydrocarbons, hydrochloric acid (HCl) and polymers. It also has a very good performance against bacterial attack.

Like all GRE tubings, each casing is available in a standard length of 29.5 ft.

Applications

- Injection wells (water, CO₂, polymers).
- Production wells
- Sump wells.
- Mining applications wells.
- Water wells.
- Layers isolation.

Joint system

- Depending on the diameter and pressure rating of the tubing, the joining system may be integral (IJ) or Threaded and Coupled (T & C).
- The threads of the joints can be designed according to API 5B (EUE 8rd) and according to Repsa's own design (2, 4 thread/inch)

| DESIGN | DIAMETER INCHES | MAXIMUM OPERATING TEMPERATURE | | PRESSURE | | APPLICATIONS | FLUID | JOINT | THREAD |
|----------|--------------------|-------------------------------|-----|-----------|--------------------|--|--|----------------------|--------|
| | | C° | F° | PSI | KG/CM ² | | | | |
| API 15HR | 3 1/2 | 65 | 150 | 1000/3000 | 70/210 | Injection wells Sump Pump Well Production wells (ESP/Gas Lift/PCP) Casing Liners Monitoring wells | Fresh water Salt water Production water Oil Natural Gas Acid gas (with CO ₂ /H ₂ S content) | Integral joint | 8 rd |
| | 5 1/2 | 65 | 150 | 1000/2000 | 70/140 | | | | 4 rd |
| | 7 | 65 | 150 | 1000/2000 | 70/140 | | | Threaded and coupled | 8 rd |
| | 9 5/8 | 65 | 150 | 1000/2000 | 70/140 | | | | 4 rd |
| | 3 1/2 | 85 | 185 | 1000/3000 | 70/210 | | | Integral joint | 8 rd |
| | 5 1/2 | 85 | 185 | 1000/2000 | 70/140 | | | | 4 rd |
| | 7 | 85 | 185 | 1000/2000 | 70/140 | | | Threaded and coupled | 8 rd |
| | 9 5/8 | 85 | 185 | 1000/2000 | 70/140 | | | | 4 rd |
| | 3 1/2 | 95 | 203 | 1000/3000 | 70/210 | | | Integral joint | 8 rd |
| | 5 1/2 | 95 | 203 | 1000/2000 | 70/140 | | | | 4 rd |
| | 7 | 95 | 203 | 1000/2000 | 70/140 | | | | 4 rd |
| | 9 5/8 | 95 | 203 | 1000/2000 | 70/140 | | | | 4 rd |
| | | | | | | | | Threaded and coupled | 8 rd |
| | | | | | | | | | 4 rd |
| | | | | | | | | | REPSA |
| | | | | | | | | | 2FT |