

Liquid Natural Gas Couplings

Application

- Safe and reliable transfer of cryogenic liquefied natural gas (LNG) products to transport equipment such as cargo tanks, portable tanks, and liquefied natural gas liquid production facilities

Sizes

- 2", 3"

Features

- Fixed end design threads on tank truck pipe connection line, manifold, pipe outlet, or pipe connection
- PTFE gasket reduces force needed to make a tight connection
- Connect by hammering the acme threaded nut onto a fixed end
- Hose end designed female NPT thread attached to hose end
- Snap ring keeps connection nut in place for easier connecting
- Hose end lugs intended to be struck with a non-sparking hammer or similar non-sparking device

Materials

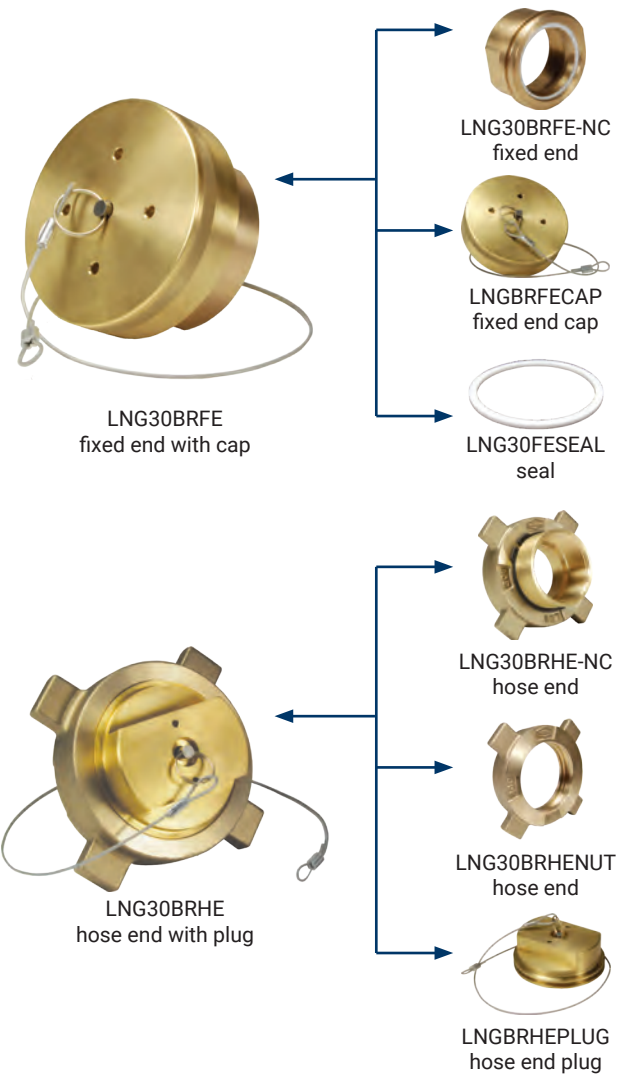
- Body: brass
- Seal: PTFE

Specifications

- Compatible with LNG couplings made to CGA guidelines
- Temperature as low as **-320°F (-196°C)** at standard LNG transfer pressures
- **450 PSI** working pressure with 4 to 1 safety factor

Approval

- Meets CGA V-6 LNG-30 guidelines



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| Size | Description | Part # |
|------|---|--------------|
| 2" | LNG30 fixed end with 2" female NPT thread / cap and retaining cable | LNG20BRFE |
| 3" | LNG30 fixed end with 3" female NPT thread / cap and retaining cable | LNG30BRFE |
| 3" | LNG30 fixed end with 3" female NPT thread | LNG30BRFE-NC |
| 3" | LNG30 PTFE seal | LNG30FESEAL |
| --- | Cap for LNG30BRFE and LNG20BRFE | LNGBRFECAP |

| Size | Description | Part # |
|------|--|--------------|
| 2" | LNG30 hose end with 2" female NPT thread / with plug and retaining | LNG20BRHE |
| 3" | LNG30 hose end with 3" female NPT thread / with plug and retaining | LNG30BRHE |
| 2" | LNG20 hose end with 2" female NPT thread | LNG20BRHE-NC |
| 3" | LNG30 hose end with 3" female NPT thread | LNG30BRHE-NC |
| 3" | LNG30 swivel nut | LNG30BRHENUT |
| --- | Plug for LNG30BRHE and LNG20BRHE | LNGBRHEPLUG |