

# GTS

HYDROCARBONS REFRIGERANT  
PRODUCT LINE

**GTS** ›  
SPECIAL GAS

[WWW.GTSSPA.COM](http://WWW.GTSSPA.COM)

# ABOUT US?

**GTS** is part of **QUIRIS** Holding Industriale. With full **N-Butane**, **Isobutane** and **Propane** supply chain control, as well as an exclusive distribution contract for **high purity Propylene**, GTS is today a leading company in the special gases sector. It is a protagonist in the aerosol and refrigeration field as well as in many others (construction, packing, welding, glass, etc.).

GTS operates 2 factories in Italy which are synonymous with outstanding supply comfort and security for their customers. GTS partners can focus on something else, while we take care of the raw materials supply for them. Through **factories in Belgium, Romania, Thailand and Brazil**, **GTS can serve more markets all over the world**, with the continuous aim to support its customers' growth.

A dynamic company, GTS is engaged in several projects to create new products for more and more applications. Our **new distillation plant produces propane** (R290), **iso-Butane** (R600a), **n-Butane** (R600) and

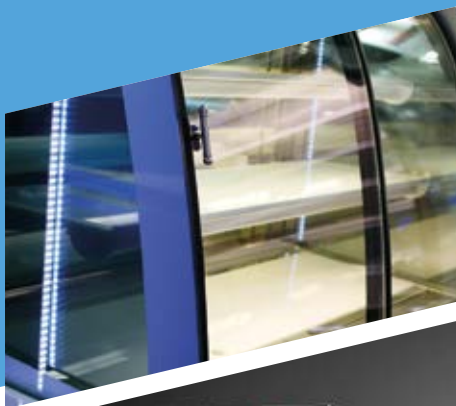


**propylene** (R1270) up to grade 3.5, so minimising moisture and non-condensable gas content and it is based on a production system featuring two distillation columns heated and cooled by two R290 heat pumps.

We can count on a fully automated and remotely controlled continuous process, while heating and cooling combined control optimises water and power consumptions allowing GTS to be in line with the objectives of the green economy.

## GTS POLARPURE GAS IS OUR HYDROCARBONS REFRIGERANT PRODUCT LINE

GTS cutting-edge purification unit enables us to get a **purity > 99.5%**, a **humidity < 10ppm** and **non-condensable gases < 175ppm**, which mean high-purity and high-quality hydrocarbon gases for refrigeration use. The Polarpure refrigerants have a very low GWP and **do not cause ozone depletion**. Being natural refrigerant, they represent the greenest and cheapest alternative to the phasing-out HFCs and HFOs.





## OUR PRODUCTS

### POLARPURE R600A

Polarpure **Isobutane** is mainly used in the domestic refrigeration (refrigerators and freezers), yet it is also suitable for special applications such as LNG plants and power plants.

### POLARPURE R290

Polarpure **Propane** is mostly used in AC systems, dryers, commercial freezers and refrigerators, ice cube machines, bottle coolers, vending machines, cascade refrigeration systems.

### POLARPURE R1270

Polarpure **Propylene** is used as a refrigerant in industrial and commercial refrigeration; ask GTS for your tailor-made blend of it.

### POLARPURE R600

Polarpure **n-Butane** can be used either as a pure refrigerant or as a component in refrigerant blends.

# SERVICE: TRANSPORT AND PACKAGINGS

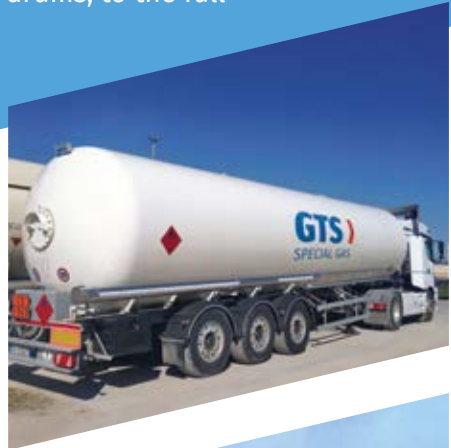
With its **in-house transport/logistic** department and its strategic locations GTS is able to supply its partners all over the world granting an outstanding quality. With **several packaging proposals**, ranging from 5 kgs cylinders, through various sizes drums, to the full 40ft ISO tanks, GTS is able to satisfy all its partner's needs.

## QUALITY OF SERVICE

Thanks to own laboratories, each GTS factory can perform both standard and tailor-made analyses. The ISO 9001:2015 certification of our laboratories is a quality assurance for all our customers.

## SAFETY

GTS customers and employees' safety represents our absolute priority. That's why, further to following mandatory safety procedures, GTS adopts additional measures such as regular packaging check, active maintenance programs, periodic safety consultancy.



# WORLDWIDE DISTRIBUTION



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