

Knowing more the range



LINER

For 350 bars and 700 bars hydrogen tank

For 10 years, RAIGI has been working on this innovant project

Move to
zero emission
automotive

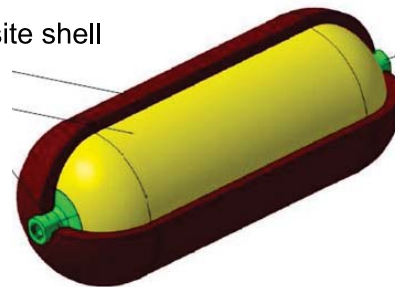


Raigi's PE liner

Carbon composite shell

Liner

Boss



Partnership
MAHYTEC - RAIGI

Raigi's liner properties

No shape defects
(No parting surface in the mold)

Quality of part obtained by a precise control of temperature

Our products' strengths

High repeatability of shape
(automatic machin)

Fast - Robust - Reliable
(1 step : process with overmolded boss)

Can be used with PE, PA 11

Specifications

Material	L*d (mm)	Weight with boss (kg)	Sticking to alu boss (MPa)	Permeation (mole / Pa.m.s)	H ₂ capacity (Kg)
PE (Polyethylene)	L: 890 d: 348	6,4	> 7	1,3.10 ⁻¹⁵	1,5 (350 bars) 2,5 (750 bars)



About us

Set up in 1965, RAIGI was previously a Shell Chemical subsidiary. RAIGI became an independent family company in 1999. It is well known as polyurethane, epoxy and latex systems formulation as much as molding polyurethane parts and rotomolding technical plastics.

Our main markets are automotive, electronic, electrical, building trade and medical.

Raigi is expert in developing new systems from agrochemical raw materials (bio sourced polyols) and eco-friendly.

Our Strength

RAIGI has its own research & development team so we are able to develop formulations for new processes and new applications.

RAIGI is able to meet customer's needs

Innovative company in new energy

Development of hydrogen tank:

RAIGI has patented a rotomoulded liner in 2007

RAIGI has received an award from innovation world competition on July 2016



Did you know ?



headquarters "Vente-Privée" (Paris 2015)
concrete molding, RAIGI formulation



Daily, RAIGI connects you to the
electricity network



LPG Tank (since 1997)
Raigi, exclusive supplier



Worldwide, 1 car out of 2 gets some
RAIGI's products



Futuroscope - Poitiers (FR)
2 millions of people / year seat down on
RAIGI's seats

It is
not the end,
contact us for more
information