

# news 2018



## LPG ABS & NYLON GUARD



patented by bripac

### dwg.BB.29

Standards ISO 11117:2008 TC/DOT:2007  
for cylinders up to 50 kg.

Made in Italy

CREATING INNOVATIVE  
EUROPEAN SOLUTIONS

### SOLUTION

300 grams

#### OPPORTUNITY IDENTIFICATION

##### EUROPEAN NEED

The opportunity to standardize  
the old guards in steel  
*too heavy-1.400 grams*  
with new lighter material, Nylon

#### PROCESS ANALYSIS

##### PRODUCTIVITY

1.400  
grams  
steel



#### TEST DESIGN

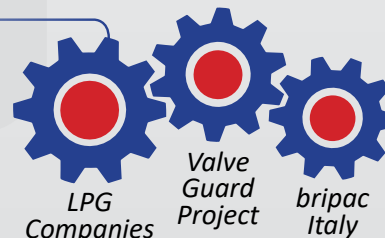
##### STANDARDS

##### LPG Guard

- NYLON weight **300 grams**
- ISO 11117:2008  
cylinder up to 50 kg  
vertical drop test  
inclined drop test at 30°  
axial test 288 kg (4 times)  
axial test handle 100 kg

#### INNOVATIVE SOLUTION DESIGN

##### COLLABORATION



**LIGHT**



Range of temperature  
**-40° +80° at cold or warm**

**Easy assembly**



**Anti-theft products**

**Different RAL Colours**



Filling Station **Productivity**  
Improvement

Pad printing **Flame, LOGO**  
and/or **Instruction** for use



Traditional LPG cylinder guard  
**Cost Reduction**

**Thread 66x2,5S.I. or 68x3S.I.**



**European Price Agreement**

**European Standardized Design**



**No rust**