

# Fuel Lines /

Superior fuel barrier and heat resistance

## ECOBESTA-9T

Excellent multilayer tube with high barrier for low alcohol content fuels. Very good washout resistance.



**UBESTA PA12**

**Genestar PA9T**

## SUNBESTA

Robust multilayer tube for a variety of media with high barrier for high alcohol content fuels. Excellent washout resistance.



**UBESTA PA12**

**Fluon ETFE**

## SUNBESTA-ZV

Multilayer tube with double barrier technology for low and high alcohol content fuels and superior washout resistance.



**UBESTA PA12**

**Genestar PA9T**

**Fluon ETFE**



**UBESTA PA12**

**Genestar PA9T**

**Genestar PA9T ESD**



**UBESTA PA12**

**Fluon ETFE ESD**



**UBESTA PA12**

**Genestar PA9T**

**Fluon ETFE ESD**

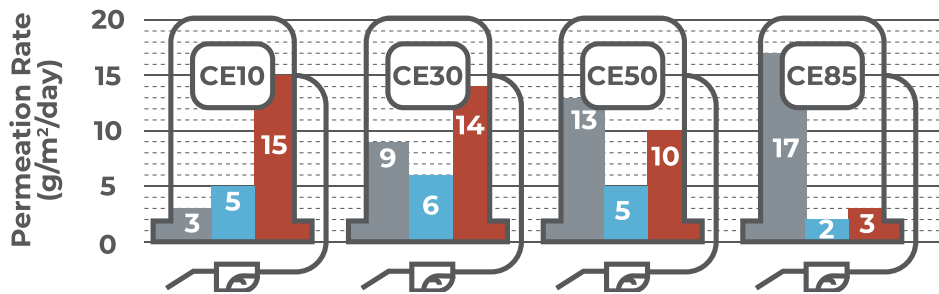


Conductive



Non-Conductive

## Fuel Barrier



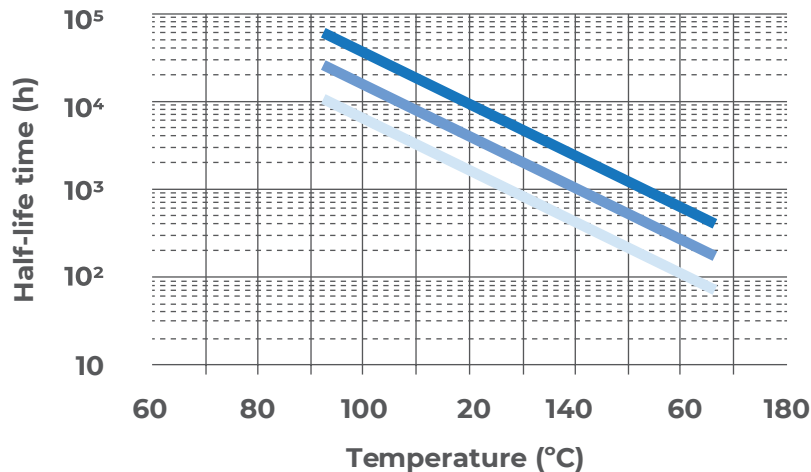
### ECOBESTA-9T SUNBESTA SUNBESTA-ZV

Test Method: Weight loss  
Test Fuel: Fuel C + %EtOH  
Tube: 8x1mm  
Test temperature: 60°C

Thickness barrier layer:

ECOBESTA-9T: PA9T (0.2 mm) / SUNBESTA: ETFE (0.2 mm) / SUNBESTA-ZV: PA9T (0.15 mm) + ETFE (0.15 mm)

## Heat Resistance



### 3030JI26L

UBESTA 3030JI26L with excellent thermo-ageing resistance.

### 3030JI6L

Standard PA12  
Impact modified.

## UBE Multilayer Fuel Tube Systems

	Fuel Barrier		Chemical resistance	Washout resistance	Adhesion strength	Cost Down
System	Low alcohol	High alcohol				
ECOBESTA-9T	● ● ●	●	● ● ●	● ●	● ●	● ● ●
SUNBESTA	●	● ● ●	● ● ●	● ● ●	● ● ●	●
SUNBESTA-ZV	● ● ●	● ● ●	● ● ●	● ● ●	● ●	● ●

● Suitable      ● ● Highly suitable      ● ● ● Exceptional

### DISCLAIMER:

-The contents here were prepared based on materials, information and current available data. This may be revised to be consistent with new knowledge, information and data without notification.

-The data described herein are averaged values obtained by specified measurement: they are not guaranteed figures.

-UBE does not warrant or guarantee the quality or safety of your finished products, including but not limited to implied warranties of merchantability, fitness for a particular purpose and non-infringement of third party rights or arising from a course of dealing, usage or trade practice even if UBE's products and data herein or any other information proposed by UBE are used to manufacture the finished products. Determination of suitability, merchantability or fitness for a particular purpose of finished products shall be one's responsibility. - UBE has no liability or legal responsibility for any issues or problems in relation to standards, regulations, laws, intellectual property rights – especially patent rights, etc. derived from any applications of UBE products for your finished products. Any interested party shall fully analyse and validate the data presented herein.