



YOUR CHOICE FOR
FLUOROBASED PRODUCTS

CATALOGUE



YOUR CHOICE FOR FLUOROBASED PRODUCTS
GUARNIFLON[®]

www.guarniflon.com

TEKPORE POROUS PTFE

PTFE POROSO
PORÖSES PTFE
PTFE POREUX



PRODUCTS/ PRODOTTI

TEKPORE PROPERTIES THE MAIN PROPERTIES OF GUARNIFLON POROUS PTFE

FEATURES	TEKPORE PTFE	EXPANDED PTFE
Naturally Hydrophobic (IP rated)	YES	YES
Sintered Porous Structure	YES	NA
High Temperature (>250°C)	YES	YES
High Tensile Strength in all directions	YES	NO
Precise porosity and thickness control	YES	NOT APPLICABLE
High UV and outdoor weather resistance (UL746C)	YES	YES
Meets UL 94 flammability (V0)	YES	NA
High open area (>80%)	NO	YES
Secondary oleophobic treatment meets AATCC grade 8	YES	NOT APPLICABLE
Water naturally runs off surface	YES	NA
BENEFITS		
Low flex fatigue	YES	NO
Omni-directional	YES	YES
Heat welding	YES	YES
Vibrational Welding	YES	NO
Can apply physical pressure to membrane	YES	NA
Can plate metallic or other secondary layers	YES	NA
Low sound blocking	NA	YES
Mounting inside or outside of enclosure	YES	YES



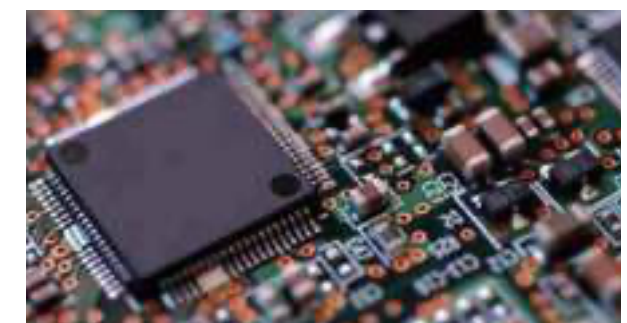
Filter and safety technology
filter membranes
protective sheaths
dust filters
protective elements for sensors
silencers
pressure balance system



Optical metrology - Chromatography
reflectors
spectrometers
ulbricht spheres
photometers



Automotive engineering
abs / asr / esp
airbag
automatic controls
batteries
injection control
hooters
headlights
tyre pressure monitoring systems



Chemicals, semiconductor and clean room technology
filters for gases and liquids
catalyst supports-diaphragms
gas injection and/or gas distribution
pressure compensation devices



Guarniflon S.p.A.

Via T. Tasso, 12
24060 - Tagliuno di Castelli Calepio

Bergamo - Italy

Tel. +39.035.4494311

Fax +39.035.4494336

info@guarniflon.com

www.guarniflon.com

VENDITE ITALIA
vendite@guarniflon.com
Fax +39.035.4425191

INTERNATIONAL SALES
sales@guarniflon.com
Fax +39.035.4425238

