



ZOTEK[®] F HIGH PERFORMANCE
PVDF FOAM FOR INDUSTRIAL
**SEALS, GASKETS
AND GAP FILLERS**
APPLICATIONS



AZOTE[®]
high performance
polyolefin foams



ZOTEK[®]
advanced
polymer foams

ZOTEK® F Seals, Gaskets and Gap fillers



ZOTEK® F PVDF Foam is manufactured using the Zotefoams unique foam manufacturing process. This produces a high performance, closed-cell product with high purity and a fine, uniform cell structure. PVDF is a widely used industrial engineering polymer, offering an array of excellent properties, when coupled with the Zotefoams manufacturing method delivers a high performance foam product perfect for Seals, Gaskets and Gap filler applications.



EASY MANUFACTURING

ZOTEK® F foams, like all Zotefoams products are easy and cost effective to cut and split using CNC, Knives, Shape Profilers, Punches and Water Jet Cutters. Being crosslinked, ZOTEK® F can be moulded using thermoforming or vacuum forming technology. ZOTEK® F is easily machinable into complex shapes, creating robust components. ZOTEK® F can be laminated, butt joined and welded to create thicker, tubular or enclosed shapes.



OUTSTANDING PROPERTIES

- Excellent Seal-ability - Reusable
- Lightweight, Soft, Flexible Compressible
- Excellent Chemical Resistance
- Flammability Resistant - Self Extinguishing UL94 V0
- Biologically Inert and Biocompatible (ISO 10993) (ASTM-G21-96)
- High Purity, Low Extractables, (NASA and FDA Approved)
- Excellent UV Resistance
- Good Thermal and Insulation Properties
- Closed-Cell - Water Barrier
- Impact Resistant
- Non-toxic and Safe
- High Temperature Resistance (< 160°C)



RANGE

ZOTEK® F is available in a range of soft to rigid densities including 30kg/m³, 40kg/m³ and 75kg/m³. These different densities offer different levels of compression under force, leading to optimum sealing.

ZOTEK® F is manufactured in its natural colour to ensure ultimate purity. Where the natural colour is not suitable ZOTEK® F is available in grey in the softer grade.



KEY INDUSTRIES

ZOTEK® F is currently the seal, gaskets and gap filler material of choice in several demanding industries where high performance is paramount, including:

- Semi-conductor
- Photovoltaic
- Medical
- Pharmaceuticals
- Aviation,
- Space, military
- Food
- Chemical, oil and gas



ZOTEFOAMS
THE FOAM TECHNOLOGISTS



FOR MORE INFORMATION PLEASE VISIT WWW.ZOTEFOAMS.COM

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AZOTE® is the group brand for a variety of foams manufactured from differing base polymers but using the same unique process route. ZOTEK® is the group brand for foams manufactured from high performance polymers.

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