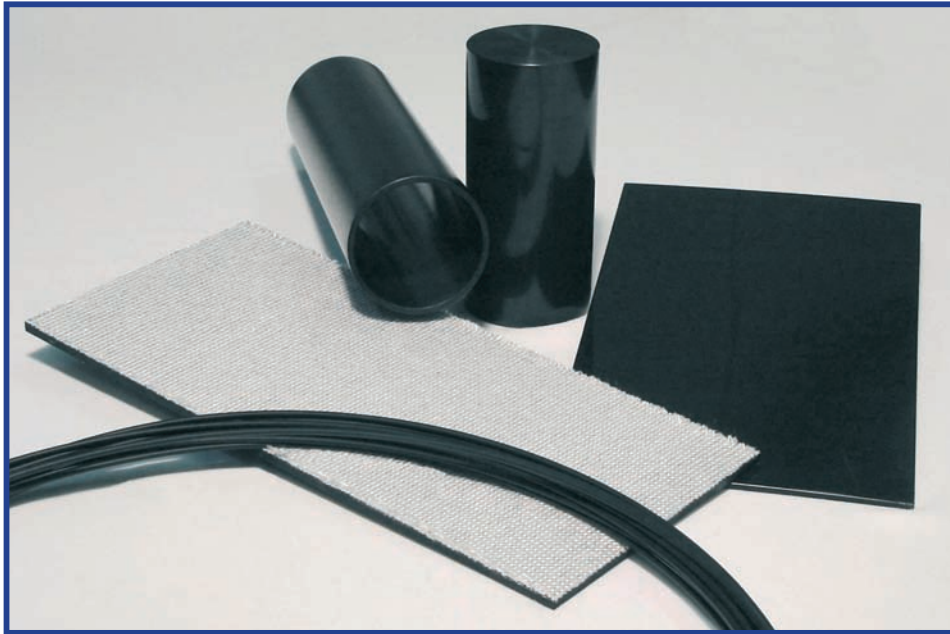


SYMALIT® PVDF ESd

Conductive Materials for
Potentially Explosive Environments



SYMALIT® PVDF ESd

allows you to build equipment compliant with the requirements of potentially explosive environments.

SYMALIT® PVDF ESd

is the material of choice when it comes to assist you to design pumps, compressors, agitators, fluid bed dryers and other processing equipment according to the ATEX Directive 94/9/ EC.

SYMALIT® PVDF ESd

offers surface resistivity below 10^6 Ohm. It has a remarkable resistance to a broad range of chemicals and high temperatures. It is therefore suitable for a wide range of applications where conventional thermoplastic materials fail.



QUADRANT

You inspire ... we materialize®



Key Benefits at a glance:

- Surface resistivity <math> < 10^6 \text{ Ohm}</math>
- Increased elongation at break for increased ductility
- Chemical resistance comparable to standard PVDF
- Continuous service temperatures up to 130°C
- Good mechanical strength, stiffness and creep resistance
- Good abrasion resistance
- Easy weldability



Typical Applications:

Pumps, compressors, piping systems, agitators, tanks and vessels, dust and fume extraction equipment, measurement products, laboratory equipment



Product Availability:

- SYMALIT® PVDF ESd plain sheets
- SYMALIT® PVDF ESd rods
- SYMALIT® PVDF ESd pipes
- SYMALIT® PVDF ESd fabric backed sheets

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