



**4AC.070**  
**Fabric – Z-Tuff®**  
**NEWTEX**

**Overview**

Since 1978, our partner Newtex has been offering products resistant to fire and extreme temperatures.

Z-Tuff® fabrics are made of a glass fibre base covered with a silicone or PTFE coating.

- **Silicone-coated Z-Tuff® fabrics** offer effective protection against oil and water as well as excellent resistance to abrasion and heat.
- **PTFE-coated Z-Tuff® fabrics** stand out for their remarkable resistance to chemicals, abrasion, humidity and heat. They are usually used as an outer layer for insulation cover to provide optimal protection against humidity and stress from the external environment.

**Technical Data**

Properties		Unit	Value	
Material			Glass	
Composition		%	100 % Z-Tuff® PTFE	100 % Z-Tuff® silicone
Temperature	Operating	°C	315	260
	Peak		540	540

**General Data**

Material	Thermal resistivity	Mechanical strength	Chemical resistance
Zetex	★★★★☆	★★★★☆	★★★★☆ Except for phosphoric and hydrofluoric acid

**Applications**

- Insulating sleeves
- Welding curtains
- External side of protection equipment



### Available fabrics

Basis weight (g/m <sup>2</sup> )	Thickness (mm)	0.38	0.46	0.97
	475	Z-Tuff F-614 60" PTFE 1TEX001602 Plain		
500			Z-Tuff F-500 60" Silver Silicone 1TEX001601 Plain	
610	Z-Tuff F-617 60" PTFE 1TEX006414 Plain			
1,085				Z-Tuff F-1085 60" Silver Silicone 1TEX001603 Plain

The physical properties in this documentation are provided for informational purposes only and do not constitute a contractual commitment. Please contact our technical service if you require any additional information.