

# Insulation Materials

## Product Information Sheet

### Product

## Formex® WI800

### Product Description

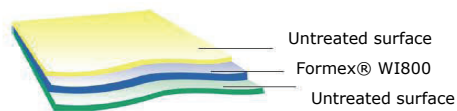
Formex® WI800 a flame retardant polypropylene available in sheet or roll form.

Available thickness 460 micron.  
Other thicknesses available on request.

### Key Features

- Excellent Flame resistances
- Excellent dielectric properties
- Superior chemical resistance

### Structure of Formex® WI800



Property	Test Method	Unit	Value
Flammability	UL94	-	V-0
Tensile strength MD TD	ASTM D-882	PSI	4800 3600
Dielectric strength	ASTM D-149	Volts/mil	1720
Dielectric breakdown	ASTM D-149	Volts	30900
Dielectric constant	ASTM D-150	-	2.3
Dissipation factor	ASTRM D-150	-	0.0009
High current arc ignition Arcs to ignite	UL746A	-	23
High voltage arc tracking in/min	UL746A	-	0.0
'MD' - Machine direction. 'TD' - Transverse direction			

### Applications

Formex® WI800 is used for automotive, lighting and transformer applications. Ability to be scored and folded repeatedly without cracking or splitting.

*The information above is given in good faith and should be considered as a guide not a specification.*



BS EN 14644 : 1999  
CLEANROOM CLASS 8

+44 (0) 20 7740 9740  
[www.electricalinsulation.org.uk](http://www.electricalinsulation.org.uk)

