

## Polyester (Thermal Bonded)



### PRODUCT FEATURES

Polyester is a very versatile product that has long fine denier fibres produced from 100% high bulk polyester fibres that have been thermally bonded with a fire-retardant resin. Our polyester media provides good tensile strength and high levels of filtration, making them an excellent choice for your filtration needs.

The inert media ensures stability, and since the polyester fibres are thermally bonded, the immense pressure from heat rollers binding the fibres together ensures no leachable contamination. Polyester's compatibility with a wide range of chemicals make it a highly efficient filter material; its smooth finish ensures an excellent filter cake release. A great option for liquid filtration.

### DATA

Weight g/m <sup>2</sup>	20	30	50	70	100
Thickness mm	0.23	0.32	0.45	0.55	0.65
Wet Tensile Strength MD N/5cm	42	63	115	155	220
Wet Tensile Strength TD N/5cm	26	37	63	105	105
Extension Dry (%) MD	45	50	40	40	30
Extension Dry (%) TD	45	55	50	50	40

Please note the values indicated are typical and subject to variation.

### KEY FEATURES

- ✓ Superior filter performance
- ✓ Strength
- ✓ Good dirt loading
- ✓ Use in Hydrostatic, Pressure and Vacuum Filter Systems
- ✓ Competitively priced

### TYPICAL APPLICATIONS

Turning · Drilling & Milling (20-35gm) · Grinding · Honing · Lapping (35-100gm)