

TECHNICAL DATA SHEET – Kev 17

Reference	Kev 17 PTFE Coated Woven Kevlar Fabric			
Product Properties	Test Standard		Values	Units
Coating %	-	-	53	-
Coated Weight	ASTM D751-00	-	600	%
Total Thickness	ASTM D751-00	±5%	0.400	g/m ²
Breaking Strength	ASTM D751-00	warp	1107	mm
	ASTM D751-00	weft	1621	N/cm
Tearing Strength	ASTM D751-00	warp	357	N/cm
	ASTM D751-00	weft	411	N
Surface Texture	-	Smooth non-stick		
Colour	-	Tan/Yellow		
Aramid Style Properties	Test Standard		Values	Units
Weave Style Reference	-	2040		
Filament Diameter	DIN EN 12654	warp	Con.fil	micron
	-	weft	Con.fil	micron
Yarn Count	DIN EN 12654	warp	110	tex
	-	weft	110	tex
Fabric Construction	DIN EN 12654	warp	12.2	ends/cm
	-	weft	12.2	picks/cm
Weave Pattern	DIN ISO 9354	Plain		
Base Fabric Thickness	DIN ISO 4603/E	-	0.360	mm
Base Weight	DIN EN 12127	±5%	283	g/m ²

Material Properties

- Extremes of heat and cold resistance: minus - 73°C to plus + 260°C
- Chemical inertness: affected only by a few rare substances at very high temperatures
- High release from sticky materials ‘non-stick’
- Easy cleaning (nothing bonds permanently)
- Low friction co-efficient: 0.04 – 0.10; depending on load and surface speed
- Chemical corrosion and moisture resistance
- Mildew and fungus resistance
- Outstanding electrical, insulative and di-electric properties
- Ultra-violet, infra-red, microwave, radio frequency resistance
- Non-combustible – self extinguishing
- Low thermal expansion: < 5%
- Food approval (USFDA)
- Lightweight and energy efficiency for economical operation

Note: various widths are available, please contact our sales team to make your enquiry, details are available upon request. Values shown are typical and are subject to change without notice. Before using, the user should determine the suitability of the product for its intended use and assumes all risk and liability in connection therewith. Specifications are subject to change without notice.