

## Product Data Sheet

Reference:	AS-SA-03	Weave:	Plain
Thickness (without adhesive)	0.076mm	Thickness (without liner)	0.12mm
Weight (without adhesive)	150 g/m <sup>2</sup>	Weight (including liner)	260 g/m <sup>2</sup>
Adhesive Type:	Silicone P.S.A	Surface Texture:	Smooth Non-Stick

### Material Properties

- ✦ Extremes of heat and cold resistance: Minus - 73°C to + 260°C
- ✦ Chemical inertness: Affected only by a few substances at very high temperatures
- ✦ Conductive / Anti-Static (Black) PTFE surface
- ✦ 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
- ✦ Ultra-Violet, Infra-Red, Micro-Wave, Radio Frequency Resistance
- ✦ Non Combustible - Self Extinguishing
- ✦ Low thermal Expansion: < 5%
- ✦ Lightweight and energy efficiency for economical operation.

### Additional Information

Availability: All materials are available ex stock and can be supplied in any width from 3mm to 1000mm wide.

Fabric Care: Do not fold or crease the fabric when handling and installing. This will cause disruption to the PTFE surface, which may lead to reduced performance and lifespan. The fabric unaffected by chemical or biological agents, heat or cold within its temperature range, or by most areas of the electro-magnetic spectrum.

Other formats: Non-Adhesive see **AS-NA-03**. The material can be supplied in a converted to a fabricated engineered product, consult our Technical Sales Team. Also available chemically etched one side for proprietary adhesive bonding. Standard etch is silica based, Sodium based etch is available upon request.

PTFE (Teflon®) begins to soften at 260°C, increasing wear rate. Somewhat above 300°C, fumes are given off and these should not be inhaled. COSHH data available upon request. After contact wash hands thoroughly before handling or smoking tobacco.