

## **Guardwipes**

70707 Guardwipes are widely used throughout the UK and Europe in Clean Rooms and industries where a low Linting yet strong wipe is required. These highly absorbent wipes are ideal where it is necessary to wipe down workstations, screen printers and other heavy cleaning tasks.

Guardwipes can be supplied to any specific size you may require stock sizes include 6x6 9x9 10x8 and 12x12, wall or bench top dispensers are available to suit these sizes.

Manufactured from an ICI manufactured melded nylon made to the following specifications:

Bi-component filaments of staple fibre, which go through a melded process.

These bi-components are comprised of a core of one polymer surrounded by a concentric sheath of a different polymer.

The nature of the two polymers is such that the sheath can be induced to melt whilst the core remains unaffected.

To produce the fabric, the fibres are laid on a moving belt to form a web, which is passed, through an oven (1) or between patterned calendar rollers (2).

Carefully controlled heat and pressure cause the sheaths to melt and create strong separate bonds wherever they touch one another. The core meanwhile, remains unaffected and it retains its full strength.

- (1) Over processing results in a random bonding arrangement.
- (2) Patterned rollers result in precise, distinctive, point bonded textures.

<b>Melded Nylon Material for Wipes</b>	
Material	Nylon 66
Fabric Description	Point-bonded Polyamide Staple Pique Design
Composition	100% Heterofil Polyamide
Weight	120 g/m
Thickness	0.8mm
Breaking Load	MD 150 n/50mm CD 170
Extension at Break	MD 55% CD 40
Grab Strength	MD 190 N CD 190
Wing Tear Load	MD 14 N CD 14
Bursting Strength	550 kPa
Air Permeability	50 cm/ cm /s
Drape Coefficient	75%
Dimension Stability to: Machine Wash at 50°C  Hot air at 180°C	MD 7% CD 9% MD 4% CD 3.5%
Martindale Abrasion	100,000 Cycles

MD: Tested in machine direction of fabric (warp)

CD: Tested across machine direction of fabric (weft)