



Polyurethane blades in digital printing equipment are used in a variety of applications from photoreceptor cleaning through to solvent metering and tribo-electric charging

BMP manufacture a wide range of cleaning and metering blades from thermoset polyurethane in a range of hardness from 60 - 75 'Shore A'. BMP's urethane formulations and process control enable hardness to be held within a narrow band of +/- 3 'Shore A'.

BMP employ specific polymer chemistry and part metrology to suit each drum/toner combination in order to achieve the desired print life. Softer system formulations are also available enabling consistently high image quality and good toner yield. For new blade applications, BMP are able to offer rapid tooling development and sampling via its Asian production facility.

Typical Product Characteristics:

Blade position control	+ - 0.15mm
Polyurethane hardness	60 to 75 shore A +/- 3 Shore
Polyurethane thickness	0.9 to 3mm +/- 0.1mm

Assembly Options

Polyurethane may be accurately mounted to custom designed pressed metal or extruded aluminium supports using either cyanoacrylate, polyurethane adhesive or a range of pressure sensitive adhesive tapes



Fluid Delivery



Filtration



Media Transport



Heat Resistance



Abrasion



Sealing



Absorption



Cleaning