

Conductive Foam Rollers

BMP's TransThane 'CE' is a unique urethane elastomer system that achieves comparative EPDM levels of conductivity without using fillers of carbon black. Utilising a proprietary polymer developed by BMP, TransThane 'CE' exhibits high abrasion and chemical resistance whilst offering a wide level of conductivity values.



Wicks & Wipers

Fusing systems in digital printing equipment rely on advanced cleaning materials to prevent image quality problems and to facilitate efficient paper release. BMP has developed a comprehensive portfolio of high temperature engineered nonwoven textiles that prevent the build up of toner residue thereby maintaining print quality. BMP's range of high temperature textiles can be impregnated with silicone fluids, are suitable to be mounted to support media such as plastic injection mouldings and metal pressings creating a low cost effective cleaning solution.



Heat Shields

Hot surfaces in office automation equipment require insulating to prevent operators/users from receiving burns. BMP has developed a non woven high temperature textile that shields exposed machine surfaces such as plastic and metal thereby preventing operators from contact with hot surfaces. These materials can be die-cut into complex profiles and shapes and also laminated with pressure sensitive adhesives providing a more effective solution to traditional flocking.



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AN ANDREW INDUSTRIES GROUP COMPANY

BMP

Laser Printing Products

Fuser Cleaning & Oiling Webs

Oil supply and cleaning webs deliver precise amounts of silicone oil to the fuser for toner release and clean any remaining toner / paper dust from the fuser. The web is a engineered non-woven textile, most typically of a thermal bonded construction. Depending upon your specific requirements BMP can design a web utilising various fibre chemistries, fibre sizes, and oil viscosities.



Fuser Cleaning & Oiling Rollers

Oil supply and cleaning rollers deliver precise amounts of silicone oil to the fuser for toner release and clean any remaining toner / paper dust from the fuser. Typical construction incorporates a porous tube wrapped with engineered non-woven textiles which are saturated with silicone oil. Depending upon your specific requirements BMP will design a roller utilising various fiber types, textile types, construction designs, and oil viscosities.



Lubricating & Cleaning Felts

Oil supply and cleaning felts are engineered non-woven textiles which deliver precise amounts of silicone oil to the fuser for toner release and which clean any remaining toner/paper dust from the fuser. Depending upon your specific requirements BMP will design a felt cleaner utilising various fibre types, textile types, construction designs, and oil viscosities.



For more information about automotive products please email: info@bmpworldwide.com

Laser Printing Products

Photoreceptor Cleaning Brushes

Conductive and non-conductive pile brushes are used to mechanically and or electrically remove charged toner from the photoreceptor drum or belt in a digital printer device. BMP cleaning brushes are custom designed to meet each printing system's unique requirements.



Filters

BMP particulate, liquid and air filter product capabilities can be uniquely adapted to digital laser printing industry. As BMP leverages our expertise in other markets to the Laser Printing Industry we are poised to lead the way for Laser Printing Industry filter products.

Paper Feed Rollers & Tyres

BMP's range of TransThane paper feed transport rollers are manufactured from a hybrid cross linked cast polyurethane system. TransThane transport rollers exhibit exceptional chemical and abrasion resistance whilst being extremely stable at elevated levels of temperature and humidity. Demanding environments that preclude the use of traditional EPDM products are ideal applications for TransThane paper feed transport rollers.



Polyurethane Cleaning Blades

Polyurethane cleaning blades in digital printing equipment are used in a variety of applications from photoreceptor cleaning through to tribo-electric charging. BMP manufactures a wide range of polyurethane cleaning blades produced from spun cast polyurethane sheet, in a range of hardness from 60 - 75 'Shore A' and a thickness range of 0.90 - 10mm. BMP employs specific polymer chemistry and part metrology to suit each drum/toner combination in order to achieve enhanced in-service life cycles.



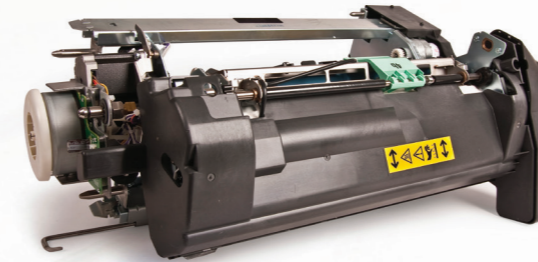
Polyurethane Charge Blades

BMP manufactures a wide range of polyurethane charge blades used for accurately developing tribo-electric charge in digital printing equipment. Manufactured from spun cast polyurethane, BMP is able to manipulate urethane properties to provide varying levels of charge at differing frictional interfaces. Polyurethane strips 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.



Fuser Units

BMP offers both contract assembly and re-manufacturing services on a wide variety of fuser modules used in digital printing equipment. From its China facility, BMP is able to offer contract manufacture of fuser assemblies from high to low complexity and with bills of material from 60 to 600 components. BMP's facilities in UK, and US offer a full re-manufacturing and asset recovery service on fuser modules across a wide range of OEM equipment.



Pressure Roller

BMP manufactures a wide range of extruded silicone sponge rollers which are ideally suited for nip/pressure applications in high temperature environments. BMP can manufacture silicone sponge rollers with OD's from 15 - 50mm precisely ground to achieve accurate dimensional run-out values.



De-Curler Roller

Utilising in-house extrusion and grinding capability, BMP is able to manufacture elastomer rollers in EPDM, SBR and Silicone for use as paper de-curler applications in high speed printers. Typically located at the fuser exit, de-curler rollers prevent paper deformation and associated jamming.

