3D PRINTING FILAMENTS

HIGH QUALITY FILAMENTS FOR HIGHER QUALITY PRINTS

RoHS COMPLIANT

mgchemicals.com

MG Chemicals®

ONE COMPANY... MANY SOLUTIONS

ISO 9001:2008 Registered Quality System • SAI Global File #004008 • Burlington, Ontario, Canada

WHO IS MG CHEMICALS

MG Chemicals is a manufacturer and wholesaler of chemical products for the electronics industry. Our chemical products include dusters and circuit coolers, electronic cleaners, flux removers, contact cleaners, protective coatings, epoxies, adhesives, RTV silicones, lubricants, EMI/RFI shielding coatings, thermal management products, prototyping supplies, solders, and more. We also distribute related non-chemical products such as wipes, swabs, brushes, desoldering braids, copper clad boards and 3D Printing filaments.

We specialize in the formulation and production of protective coatings for electronics: Conformal Coatings, Epoxy Potting & Encapsulating Compounds, and EMI/RFI Shielding Paints.

MG SERVICE

MG Chemicals recognizes that setting up production comes with various challenges. Our service team offers a wide variety of experience in material production, equipment, and technical issues you may encounter during planning, pilot studies, and production runs. To overcome these challenges, we offer professional services.

As a service, MG Chemicals can

- Provide advice on equipment and materials
- Assist with setup and troubleshooting
- Review your proposed application processes
- Suggest ways of optimizing and customizing processes to best meet your needs
- Offer training on the proper use of our products.

Quality Assurance

Since 1955, MG Chemicals has provided the North American electronics industry with a full line of high performance chemicals and accessories. The MG Chemicals manufacturing facility operates under the ISO 9001 Quality System Standard. All products undergo MG Chemicals' design process including the testing and analysis of each product to maximize performance, user safety, environmental safeguards and market desirability.

Customer Care

Customer care is what separates MG Chemicals from the rest. Our commitment to all of these principles focus on getting you the quality product and support you deserve.

TABLE OF CONTENT

WHO IS MG CHEMICALS

3D PRINTING FILAMENTS

ABS 3D Filaments 4
PLA 3D Filaments 5
WOOD 3D Filaments 6
PETG 3D Filaments 7
HIPS 3D Filaments 7

SPECIALTY FILAMENTS

FLUORESCENT 3D Filaments 8
ABS Thermochromic 3D Filaments 9
PLA Thermochromic 3D Filaments 9
ABS GLOW IN THE DARK 3D Filaments 10
PLA GLOW IN THE DARK 3D Filaments 10
CONDUCTIVE NYLON 3D Filaments 10

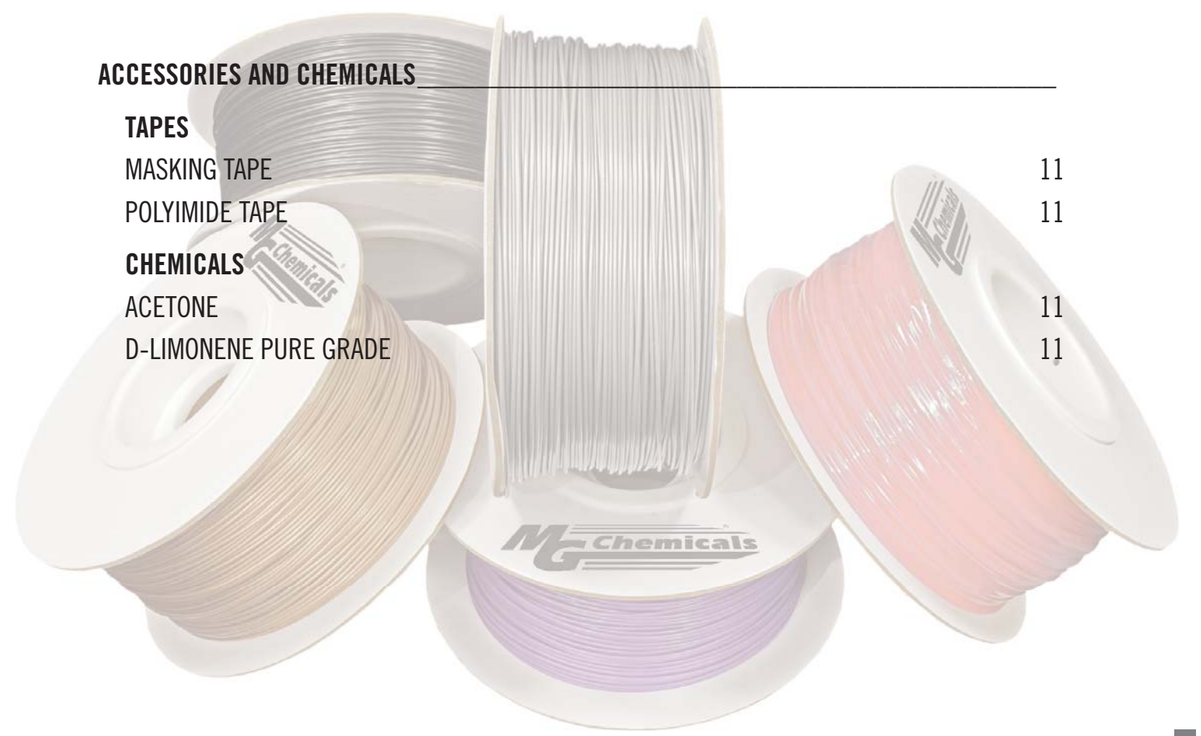
ACCESSORIES AND CHEMICALS

TAPES

MASKING TAPE 11
POLYIMIDE TAPE 11

CHEMICALS

ACETONE 11
D-LIMONENE PURE GRADE 11



3D PRINTING FILAMENTS

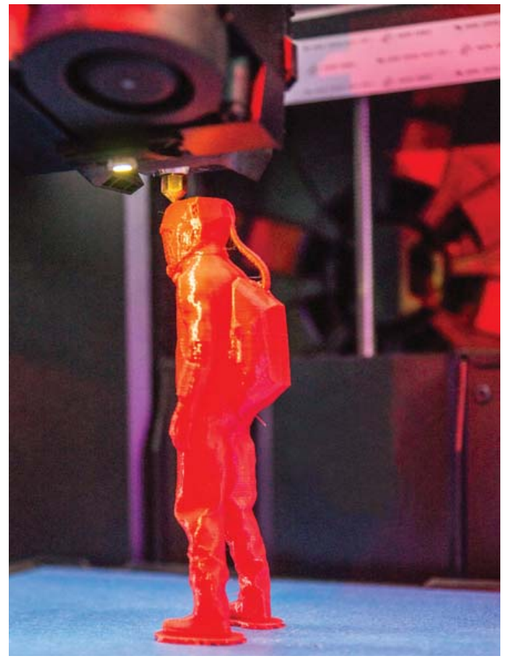
MG Chemicals offers a full line of 3D Printing filaments and accessories. We offer top quality Wood/Polymer blended filaments, PETG (Polyethylene terephthalate glycol-modified) , HIPS (High Impact Polystyrene), ABS (Acrylonitrile Butadiene Styrene), PLA (Polylactic acid or polylactide), Fluorescent, Thermochromic, Glow in the dark and Nylon Conductive Specialty filaments. Sizes are available in .5KG or 1KG spools and 1.75mm or 3mm diameters. Many of our filaments are offered in wide variety of colours. Please see product details for a complete offering listing.

ABS
3D Filaments

MG Chemicals ABS 3D printing filaments are made of high purity Acrylonitrile Butadiene Styrene pellets. They resist higher temperatures and offer great machinability, flexibility and strength making it the preferred choice of engineers and professionals. ABS plastic can be dissolved and welded in our 434 Acetone making post processing easy.

It is important to note that a heated bed printer is required to work with this type of material and because it is petroleum based it emits a slight hazardous odour when heated, making it less desirable for home use. It is recommended that this product be printed in a well ventilated area.

ABS print temperature is 210 °C - 240 °C / 410 °F - 464 °F on a heated bed of 110 °C / 230 °F (These temperatures may vary between printers and colours)



- **High purity Acrylonitrile butadiene styrene (ABS)**
- **Higher temperature resistance**
- **Flexible and strong**
- **Can be welded and smoothed using acetone**
- **RoHS compliant**
- **Print temperature: 210 °C- 240° C / 410 °F - 464 °F**
- **Bed temperature: 110°C / 230 °F**
- **Bed surface: Polyimide tape or glass**

0.5 kg 1.75 mm

Cat. No.	Color
ABS17TL5	Translucent
ABS17WH5	White
ABS17BK5	Black
ABS17RE5	Red
ABS17YE5	Yellow
ABS17GR5	Green
ABS17BL5	Blue
ABS17OR5	Orange
ABS17PU5	Purple
ABS17GY5	Grey
ABS17PI5	Pink
ABS17BR5	Brown
ABS17GO5	Gold
ABS17SI5	Silver
ABS17GD5	Glow in the Dark
ABS17SK5	Light Skin
ABS17NA5	Navy
ABS17LI5	Lime

0.5 kg 3.0 mm

Cat. No.	Color
ABS30TL5	Translucent
ABS30WH5	White
ABS30BK5	Black
ABS30RE5	Red
ABS30YE5	Yellow
ABS30GR5	Green
ABS30BL5	Blue
ABS30OR5	Orange
ABS30PU5	Purple
ABS30GY5	Grey
ABS30PI5	Pink
ABS30BR5	Brown
ABS30GO5	Gold
ABS30SI5	Silver
ABS30GD5	Glow in the Dark
ABS30SK5	Light Skin
ABS30NA5	Navy
ABS30LI5	Lime

1 kg 1.75 mm

Cat. No.	Color
ABS17TL1	Translucent
ABS17WH1	White
ABS17BK1	Black
ABS17RE1	Red
ABS17YE1	Yellow
ABS17GR1	Green
ABS17BL1	Blue
ABS17OR1	Orange
ABS17PU1	Purple
ABS17GY1	Grey
ABS17PI1	Pink
ABS17BR1	Brown
ABS17GO1	Gold
ABS17SI1	Silver
ABS17GD1	Glow in the Dark
ABS17SK1	Light Skin
ABS17NA1	Navy
ABS17LI1	Lime
ABS17CO1	Copper

1 kg 3.0 mm

Cat. No.	Color
ABS30TL1	Translucent
ABS30WH1	White
ABS30BK1	Black
ABS30RE1	Red
ABS30YE1	Yellow
ABS30GR1	Green
ABS30BL1	Blue
ABS30OR1	Orange
ABS30PU1	Purple
ABS30GY1	Grey
ABS30PI1	Pink
ABS30BR1	Brown
ABS30GO1	Gold
ABS30SI1	Silver
ABS30GD1	Glow in the Dark
ABS30SK1	Light Skin
ABS30NA1	Navy
ABS30LI1	Lime

PLA
3D Filaments

MG Chemicals Polylactic Acid or Polylactide (PLA) 3D printing filaments are a fully biodegradable corn based product made from high purity, high temperature pellets. It does not require a heated print bed and easily adheres to masking tapes. It is very hard, acetone resistant and can achieve faster print speeds and lower layer heights when properly used. It releases a mild, non-offensive sweet smell when heated and is the optimal choice for use in homes, schools and makers / hobbyists workshops or studios. PLA print temperature is 180 °C – 230 °C / 356 °F - 446 °F (Temperatures may vary between printers and colours).

- **High purity Polylactic Acid or Polylactide (PLA)**
- **Made from renewable resources**
- **Can achieve faster print times**
- **Can be used in high resolution applications**
- **Fully biodegradable**
- **Acetone resistant**
- **1.75mm and 3.0mm diameters**
- **18 Vivid colors**
- **Low diameter variance**
- **RoHS compliant**
- **Print temperature: 180 °C – 230 °C / 356 °F - 446 °F**
- **No heated bed required**
- **Bed surface: Masking tape**
- **Offered 0.5kg and 1kg spools**

0.5 kg 1.75 mm

Cat. No.	Color
PLA17TL5	Translucent
PLA17WH5	White
PLA17BK5	Black
PLA17RE5	Red
PLA17YE5	Yellow
PLA17GR5	Green
PLA17BL5	Blue
PLA17OR5	Orange
PLA17PU5	Purple
PLA17GY5	Grey
PLA17PI5	Pink
PLA17BR5	Brown
PLA17GO5	Gold
PLA17SI5	Silver
PLA17GD5	Glow in the Dark
PLA17SK5	Light Skin
PLA17NA5	Navy
PLA17LI5	Lime

0.5 kg 3.0 mm

Cat. No.	Color
PLA30TL5	Translucent
PLA30WH5	White
PLA30BK5	Black
PLA30RE5	Red
PLA30YE5	Yellow
PLA30GR5	Green
PLA30BL5	Blue
PLA30OR5	Orange
PLA30PU5	Purple
PLA30GY5	Grey
PLA30PI5	Pink
PLA30BR5	Brown
PLA30GO5	Gold
PLA30SI5	Silver
PLA30GD5	Glow in the Dark
PLA30SK5	Light Skin
PLA30NA5	Navy
PLA30LI5	Lime

1 kg 1.75 mm

Cat. No.	Color
PLA17TL1	Translucent
PLA17WH1	White
PLA17BK1	Black
PLA17RE1	Red
PLA17YE1	Yellow
PLA17GR1	Green
PLA17BL1	Blue
PLA17OR1	Orange
PLA17PU1	Purple
PLA17GY1	Grey
PLA17PI1	Pink
PLA17BR1	Brown
PLA17GO1	Gold
PLA17SI1	Silver
PLA17GD1	Glow in the Dark
PLA17SK1	Light Skin
PLA17NA1	Navy
PLA17LI1	Lime
PLA17CO1	Copper

1 kg 3.0 mm

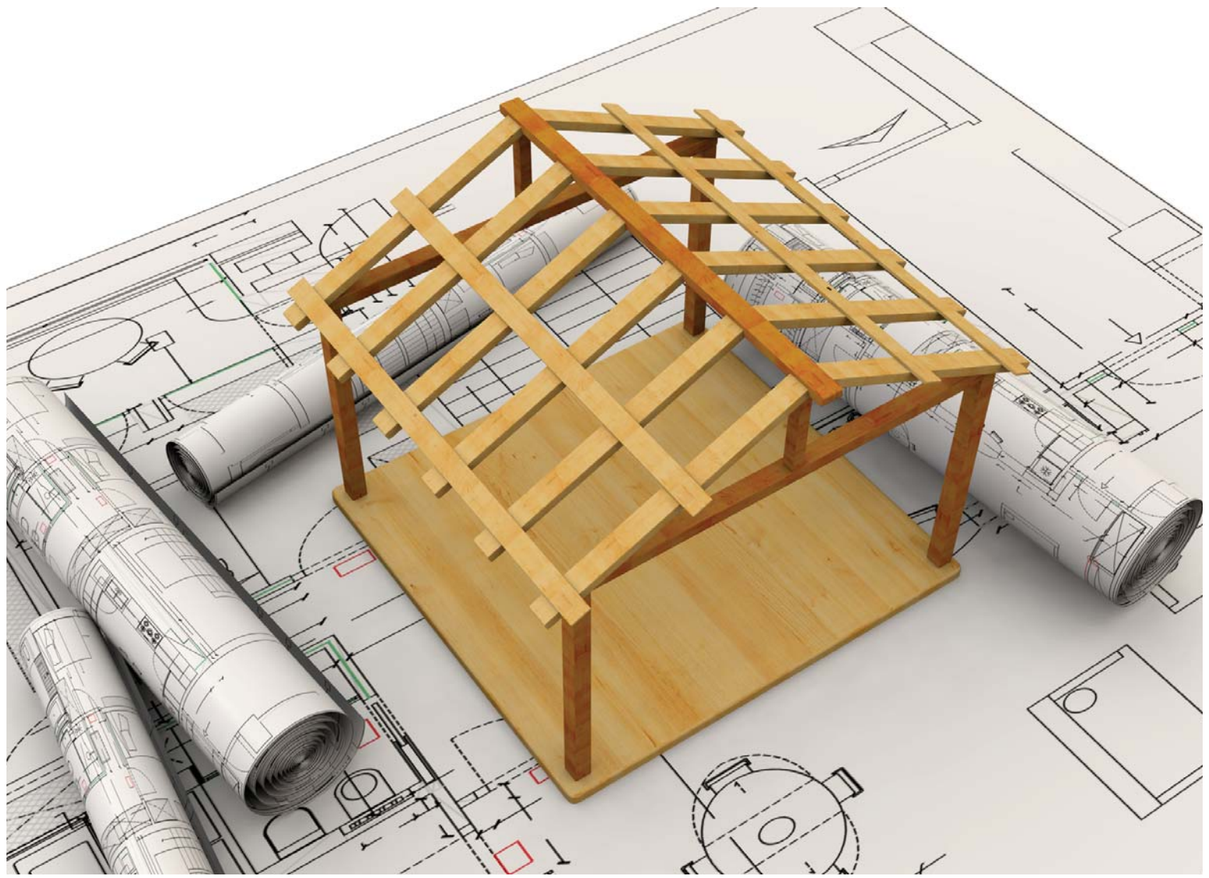
Cat. No.	Color
PLA30TL1	Translucent
PLA30WH1	White
PLA30BK1	Black
PLA30RE1	Red
PLA30YE1	Yellow
PLA30GR1	Green
PLA30BL1	Blue
PLA30OR1	Orange
PLA30PU1	Purple
PLA30GY1	Grey
PLA30PI1	Pink
PLA30BR1	Brown
PLA30GO1	Gold
PLA30SI1	Silver
PLA30GD1	Glow in the Dark
PLA30SK1	Light Skin
PLA30NA1	Navy
PLA30LI1	Lime

WOOD
3D Filaments

MG Chemicals Wood 3D printing filaments are made with a blend of polylactic acid (PLA) and wood particles. This material is biodegradable, can be sanded and painted and has a sweet odour of wood. It has the ease of use similar to PLA and is great for artists and hobbyists who are looking to experiment with different printing materials. Printing temperature is 185 °C - 230 °C / 365 °F- 446 °F. Varying Temperatures will affect the colour of the final product. No heated bed is required.
It is highly recommended this product be used with 0.5 mm nozzles or larger to avoid clogging.

Smaller nozzles require higher heat to avoid clogging

- **Blend of high purity Polylactic Acid (Polylactide) (PLA) and wood**
- **Biodegradable**
- **Sandable and paintable**
- **Easy to use**
- **RoHS compliant**
- **Print temperature: 185° - 230 °C / 365 °F - 446 °F**
- **No heated bed required**
- **Bed surface: Masking tape**
- **Offered in 0.5kg and 1kg spools**



0.5 kg 1.75 mm

Cat. No.	Color
WOOD17W5	Wood

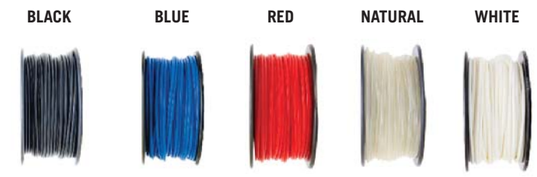
1 kg 1.75 mm

Cat. No.	Color
WOOD17W1	Wood

PETG
3D Filaments

MG Chemicals PETG 3D printing filaments are made from high purity Polyethylene Terephthalate Glycol-Modified Polymer pellets. Polyethylene Terephthalate Glycol-Modified is a high strength transparent thermoplastic with excellent moisture and chemical resistance. This material does not require a heated print bed, is easy to use because of low shrinkage and excellent for applications where strong, transparent prints are desired. It offers printing speeds comparable to PLA and it is widely used in mechanical parts fabrication and robotics. Printing temperature 210 °C - 240 °C / / 410 °F - 464 °F.

- **High purity Polyethylene terephthalate glycol-modified (PETG)**
- **Print times comparable to PLA**
- **High strength and flexibility**
- **Minimal shrinkage and warping**
- **Recyclable**
- **1.75mm diameter**
- **5 colors available**
- **Low Diameter variance**
- **RoHS compliant**
- **Print temperature: 210 °C - 240 °C / 410 °F - 464 °F**
- **No heated bed required**
- **Offered in 0.5kg and 1kg spools**



0.5 kg 1.75 mm

Cat. No.	Color
PETG17NA5	Natural
PETG17WH5	White
PETG17BK5	Black
PETG17RE5	Red
PETG17BL5	Blue

1 kg 1.75 mm

Cat. No.	Color
PETG17NA1	Natural
PETG17WH1	White
PETG17BK1	Black
PETG17RE1	Red
PETG17BL1	Blue

HIPS
3D Filaments

MG Chemicals HIPS 3D Printing filaments is made of high grade dissolvable High Impact Polystyrene pellets with a tight diameter tolerance. The HIPS filaments are used as stable support material for prints. Being easily soluble in d-Limonene HIPS support can be freed from ABS by simply immersing the object in d-Limonene (Time to dissolve may vary depending on size and complexity of print). To print objects with HIPS support dual extrusion printer with heated bed is required. HIPS print temperature is 235° C / 455 °F on a heated bed at 115° C / 239 °F (Temperatures may very between printers). This premium 3D printing filament is available in 1.75mm and 3.0 mm diameters.

- **High Impact Polystyrene**
- **Dissolvable in d-Limonene**
- **Use as support in ABS**
- **Low diameter variance**
- **Print temperature: 235 °C / 455 °F**
- **Bed temperature: 115 °C / 239 °F**
- **Bed Surface: Polyimide tape**
- **Available 1.75mm and 3.0 mm diameters**
- **Offered in 0.5kg spools**

0.5 kg 1.75 mm

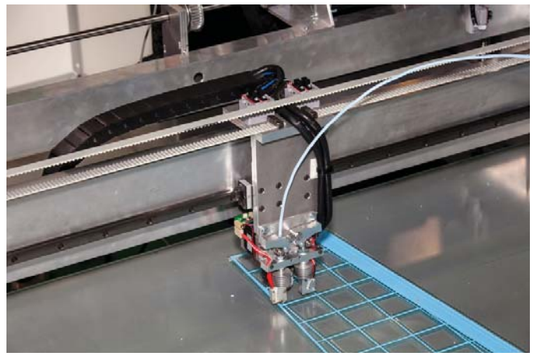
Cat. No.	Color
HIPS17WH5	White

0.5kg 3 mm

Cat. No.	Color
HIPS30WH5	White

SPECIALTY FILAMENTS

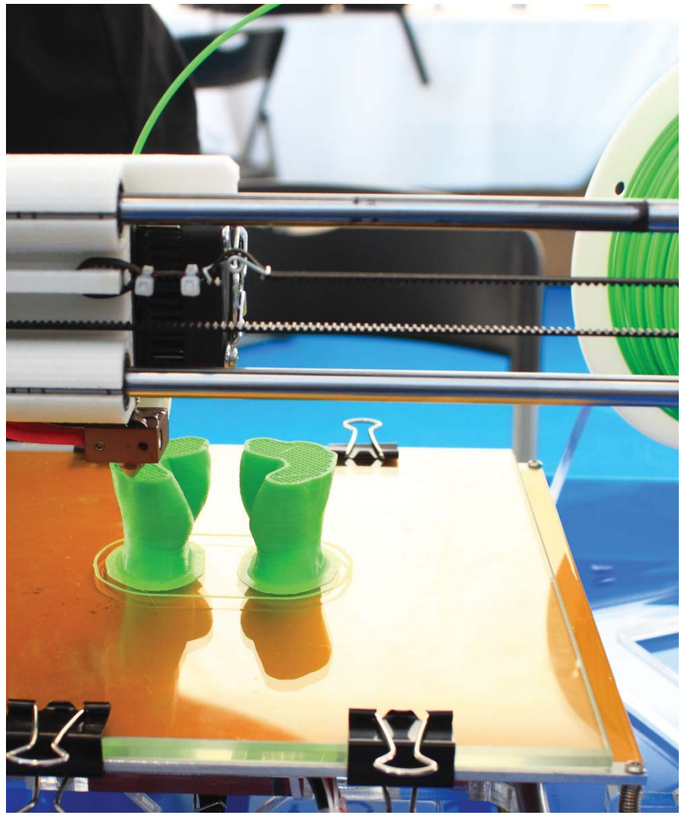
MG Chemicals introduces a new line of specialty 3D printing filaments for users looking to add special effects to their printing projects. Our new line of filaments allow printers to add fluorescent, thermal, luminous or conductive effects to their creations. Made from ABS, PLA or NYLON our specialty filaments add life to the 3D printing world.



FLUORESCENT
3D Filaments

MG Chemicals Fluorescent Polylactic Acid or Polylactide (PLA) 3D printing filaments are a fully biodegradable corn based product made from high purity, high temperature pellets. It is a normal PLA in which we incorporated a fluorescence formula to make this filament shinier and give it a special appearance. It does not require a heated print bed and easily adheres to masking tapes. It is very hard, acetone resistant and can achieve faster print speeds and lower layer heights when properly used. The PLA Fluorescent print temperature is 180 °C to 230 °C / 356 °F - 446 °F. (Temperatures may vary between printers and colours) and if a heated bed is used the bed temperature should be 60 °C / 140 °F. It is the optimal choice for use in homes, schools and makers / hobbyists workshops or studios.

- **High purity Polylactic Acid or Polylactide (PLA)**
- **Shinier surfaces**
- **Made from renewable resources**
- **Can achieve faster print times**
- **Can be used in high resolution applications**
- **Fully biodegradable**
- **Acetone resistant**
- **1.75mm diameters**
- **Low Diameter variance**
- **RoHS compliant**
- **First layer temperature: 200 °C / 392 °F**
- **Print temperature: 180 °C – 230 °C / 356 °F - 446 °F**
- **No heated bed required**
- **Bed surface: Masking tape**
- **Offered 1kg spools**



1 kg 1.75 mm

Cat. No.	Color
PLA17FLGR1	Green
PLA17FLRE1	Red
PLA17FLYE1	Yellow

ABS THERMOCHROMIC
3D Filaments

MG Chemicals ABS Thermochromic 3D printer filaments are made of high purity Acrylonitrile Butadiene Styrene pellets with a tight diameter tolerance. It is a normal ABS formulated to provide a discoloration effect when exposed to heat. They resist higher temperatures and offer great machinability, flexibility and strength making it the preferred choice of engineers and professionals. ABS plastic can be dissolved and welded in our 434 Acetone making post processing easy.

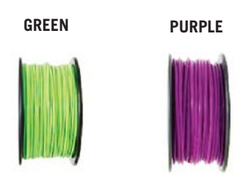
It is important to note that a heated bed printer is required to work with this type of material and because it is petroleum based it emits a slight hazardous odour when heated, making a less desirable for home use. It is recommended that this product be printed in a well ventilated area.

ABS print temperature is 210 °C - 240 °C / 410 °F - 464 °F C on a heated bed at 110 °C / 230 °F (These temperatures may vary between printers and colours)

- **High purity Acrylonitrile butadiene styrene (ABS)**
- **Green colour changes to yellow at 31 °C (88 °F)**
- **Purple colour changes to red at 31 °C (88 °F)**
- **Higher temperature resistance**
- **Flexible and strong**
- **Can be welded and smoothed using acetone**
- **RoHS compliant**
- **Print temperature: 210 °C - 240 °C / 410 °F - 464 °F**
- **Bed temperature: 110 °C / 230 °F**
- **Bed surface: Polyimide tape or glass**
- **Offered 1kg spools**

1 kg 1.75 mm

Cat. No.	Color
ABS17THPU1	Purple
ABS17THGR1	Green



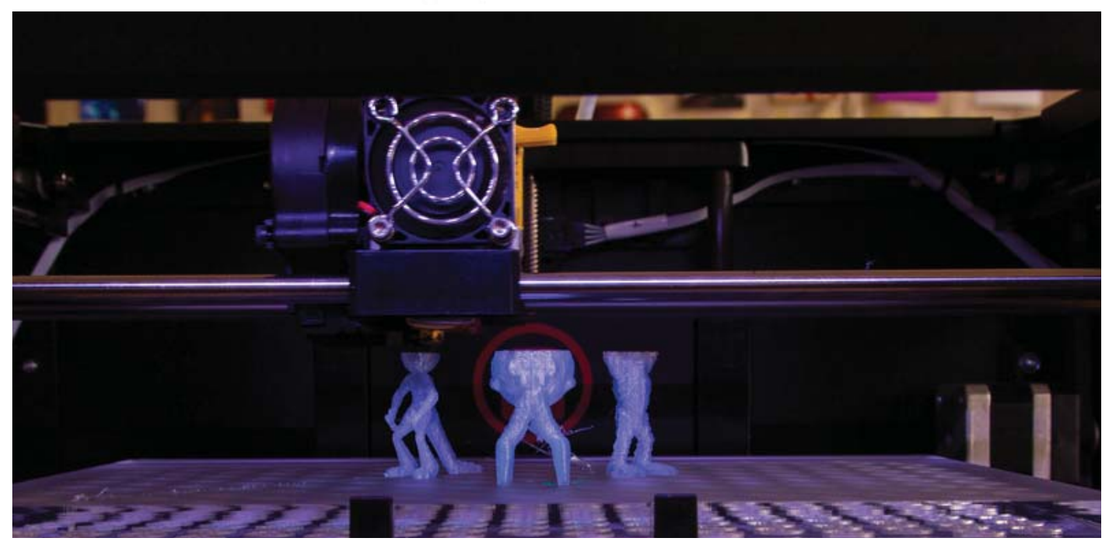
PLA THERMOCHROMIC
3D Filaments

MG Chemicals Thermochromic Polylactic Acid or Polylactide (PLA) 3D printing filaments are a fully biodegradable corn based product made from high purity, high temperature pellets. It is a normal PLA formulated to provide a discoloration effect when exposed to heat. It does not require a heated print bed and easily adheres to masking tapes. It is very hard, acetone resistant and can achieve faster print speeds and lower layer heights when properly used. The PLA Thermochromic print temperature is 180 °C - 230 °C / 356 °F - 446 °F (Temperatures may vary between printers and colours) and if a heated bed is used the bed temperature should be 60 °C / 140 °F. It is the optimal choice for use in homes, schools and makers / hobbyists workshops or studios.

- **High purity Polylactic Acid or Polylactide (PLA)**
- **Red colour changes to natural at 43 °C / 109 °F**
- **Made from renewable resources**
- **Can achieve faster print times**
- **Can be used in high resolution applications**
- **Fully biodegradable**
- **Acetone resistant**
- **1.75mm diameters**
- **Low Diameter variance**
- **RoHS compliant**
- **First layer temperature: 200 °C / 392 °F**
- **Print temperature: 180 °C – 230 °C / 356 °F - 446 °F**
- **No heated bed required**
- **Bed surface: Masking tape**
- **Offered 1kg spools**

1 kg 1.75 mm

Cat. No.	Color
PLA17THRE1	Red



ABS GLOW IN THE DARK

MG Chemicals ABS Thermochromic 3D printing filaments are made of high purity Acrylonitrile Butadiene Styrene pellets with a tight diameter tolerance. It is a normal ABS in which we incorporated a luminescent formula to provide a lighting effect in the dark by absorbing natural or manmade light. They resist higher temperatures and offer great machinability, flexibility and strength making it the preferred choice of engineers and professionals. ABS plastic can be dissolved and welded in our 434 Acetone making post processing easy.

It is important to note that a heated bed printer is required to work with this type of material and because it is petroleum based it emits a slight hazardous odour when heated, making a less desirable for home use. It is recommended that this product be printed in a well ventilated area.

ABS print temperature is 230 °C - 250 °C / 446 °F - 482 °F on a heated bed at 110 °C / 230 °F (These temperatures may vary between printers and colours)

- **High purity Acrylonitrile butadiene styrene (ABS)**
- **Glows in the dark**
- **Higher temperature resistance**
- **Flexible and strong**
- **Can be welded and smoothed using acetone**
- **RoHS compliant**
- **First layer temperature 240 °C / 464 °F**
- **Print temperature: 230 °C - 250 °C / 446 °F - 482 °F**
- **Bed temperature: 110 °C / 230 °F**
- **Bed surface: Polyimide tape or glass**
- **Offered in 1 kg spools**

1 kg 1.75 mm

Cat. No.	Color
ABS17GDRE1	Red
ABS17GDGR1	Green
ABS17GDYE1	Yellow
ABS17GDPU1	Purple

PLA GLOW IN THE DARK

MG Chemicals Glow in the Dark Polylactic Acid or Polylactide (PLA) 3D printing filaments are a fully biodegradable corn based product made from high purity, high temperature pellets. It is a normal PLA in which we incorporated a luminescent formula to provide a lighting effect in the dark by absorbing natural or manmade light. It does not require a heated print bed and easily adheres to masking tapes. It is very hard, acetone resistant and can achieve faster print speeds and lower layer heights when properly used. The PLA Glow in the Dark print temperature is 180 °C – 230 °C / 356 °F - 446 °F (Temperatures may vary between printers and colours) and if a heated bed is used the bed temperature should be 60 °C / 140 °F. It is the optimal choice for use in homes, schools and makers / hobbyists workshops or studios.

- **High purity Polylactic Acid or Polylactide (PLA)**
- **Glows in the dark**
- **Made from renewable resources**
- **Can achieve faster print times**
- **Can be used in high resolution applications**
- **Fully biodegradable**
- **Acetone resistant**
- **1.75mm diameters**
- **Low Diameter variance**
- **RoHS compliant**
- **First layer temperature: 200 °C / 392 °F**
- **Print temperature: 180 °C – 230 °C / 356 °F - 446 °F**
- **No heated bed required**
- **Bed surface: Masking tape**
- **Offered 0.5 kg and 1 kg spools**

0.5 kg 1.75 mm

Cat. No.	Color
PLA17GD5	Green

1 kg 1.75 mm

Cat. No.	Color
PLA17GDRE1	Red
PLA17GDGR1	Green

CONDUCTIVE NYLON

MG Chemicals Conductive Nylon 3D printing filaments are made from high quality nylon. It is an strong, durable,versatile and conducts electricity like metal and is environmentally friendly. It does not require a heated print bed and easily adheres to masking tapes. It is very hard, acetone resistant and can achieve faster print speeds and lower layer heights when properly used. The Conductive Nylon print temperature is 250 °C to 260 °C / 482 °F - 500 °F. (Temperatures may vary between printers and colours) and if a heated bed is used the bed temperature should be 110 °C / 230 °F. It is the optimal choice for use in homes, schools and makers / hobbyists workshops or studios.

- **High purity Polylactic Acid or Polylactide (PLA)**
- **Electrically conductive**
- **Strong, durable and versatile**
- **Can achieve faster print times**
- **Can be used in high resolution applications**
- **1.75mm diameters**
- **First layer temperature: 260 °C - 500 °F**
- **Print temperature: 250 °C – 260 °C / 482 °F - 500 °F**
- **Bed temperature: 110 °C / 230 °F**
- **Bed surface: thin layer of glue applied in a cross-hatch pattern works**
- **Offered 1 kg spools**

1 kg 1.75 mm

Cat. No.	Color
CON171	Black

ACCESSORIES AND CHEMICALS

TAPES

MG Chemicals offers 3D printing high temperature masking tapes and polyimide tapes to assist adhering the printed object to the print bed to help achieve the best possible results in synthesizing three-dimensional objects via FDM (fused deposition modeling) technology.

MASKING TAPE

MG Chemicals high temperature masking tape is made of 6 mils beige crepe paper coated with a rubber adhesive designed for 3D printers heated beds. It is specifically designed to be heat resistant and provide superior print adhesion while allowing easy removal of completed objects. It also provides protection for the bed, while making clean up simple. It works excellent with PLA, Wood, PETG, and many other 3D printing materials. It is available in 4 in. width on 49 ft rolls.

- **Low thickness variation**
- **Strong heat resistant rubber adhesive**
- **Superior print adhesion**
- **Easy object removal**
- **Protection for 3D printer bed**
- **4" width**

Cat. No.	Dimension	Colour	Packaging
MAS100-15	10cm x 15m (4in x 49ft)	Beige	Plastic wrap

POLYIMIDE TAPE

MG Chemicals high temperature masking tape is made of 6 mils beige crepe paper coated with a rubber adhesive designed for 3D printers heated beds. It is specifically designed to be heat resistant and provide superior print adhesion while allowing easy removal of completed objects. It also provides protection for the bed, while making clean up simple. It works excellent with ABS, PLA, Wood, PETG, and many other 3D printing materials. It is available in 4 in. and 8 in. widths on 49 ft rolls.

- **6 mils thick**
- **Silicone adhesive**
- **Very high heat resistant**
- **Superior tensile strength**
- **Eases release of heated objects**
- **Protects printer bed**
- **RoHS and REACH compliant**
- **4" or 8" width**

Cat. No.	Dimension	Colour	Packaging
POL100	10cm x 15m (4in x 49ft)	Yellow	Plastic wrap
POL200	20cm x 15m (8in x 49ft)	Yellow	Plastic wrap

CHEMICALS

MG Chemicals 3D printing liquid solutions are formulated to assist in the 3D modeling process. They are designed to act as dissolving agents, as a post printing curing/smoothing solutions or as cleaning solvents. Available in 1L or 4L containers.

ACETONE

MG Chemicals Acetone is a superfast drying, VOC exempt and zero residue solvent. It is ideal for use in 3D printing. ABS dissolved in acetone, when applied to a print bed, can improve adhesion and reduce print warping. The acetone can also be used to smooth and weld the surface of finished ABS three dimensional pieces.

It can be used as a diluent in many applications, or used to clean hard to clean organic residues. The fast drying time of the 434 makes this a good choice for spray application that require low VOC and quicker drying times. Available in 1L and 4L containers.

- **Fast Evaporation Rate**
- **In combination with ABS plastic, enhances adhesion to print beds**
- **ABS Smooth finishing agent**
- **ABS plastic welding agent**
- **Highly Miscible with Other Common Organic Solvents**
- **VOC exempt**

Cat. No.	Size	Form	Packaging
434-1L	945ml (32 fl oz)	Liquid	Metal can
434-4L	3.78 L (1 gal)	Liquid	Metal can

d-LIMONENE PURE GRADE

MG Chemicals d-Limonene Pure Grade is a colourless liquid made from 100% pure natural citrus oils. It is ideal for dissolving HIPS when used as a support within 3D printed pieces

d-Limonene can also be used as a solvent to clean and degrease equipment. Extracted from natural fruits it releases a pleasant orange smell when exposed to ambient air.
Available in 1L and 4L containers.

- **100% citrus oil**
- **Dissolves HIPS**
- **Biodegradable**

Cat. No.	Size	Form	
433-1L	945 ml (32 fl oz)	Liquid	Metal can
433-4L	3.78 L (1 gal)	Liquid	Metal can

HEAD OFFICE
9347 - 193rd Street
Surrey, B.C., Canada
V4N 4E7
Phone
1-800-201-8822
1-604-888-3084
Fax
1-604-888-7754
Website
www.mgchemicals.com

MANUFACTURING
1210 Corporate Drive
Burlington, Ontario, Canada
L7L 5R6
Phone
1-800-340-0772
1-905-331-1396
Fax
1-905-331-2682
Website
www.mgchemicals.com

CUSTOMER SERVICE
north america
Phone 1-800-340-0772
Fax 1-800-708-9888

EUROPE AND UK
Phone +44 1663 362888

INTERNATIONAL
Phone 1-604-888-3084
Fax 1-604-888-7754
Email SalesIntl@mgchemicals.com

FOR SAFETY DATA SHEETS
visit www.mgchemicals.com/datasheets/

FOR TECHNICAL SUPPORT
visit www.mgchemicals.com/tech-support/
call our toll-free line 1-800-340-0772 or +1 905 331-1396

Printed in Canada