

3M™ Gripping Material Frequently Asked Questions

How does 3M™ Gripping Material work?

Imagine thousands of gripping fingers engaging quickly and easily, allowing the user to benefit from increased traction and grip, which reducing slip in a broad variety of applications.

What are the features, advantages and benefits of using a 3M™ Gripping Material system?

Features	Advantages	Benefits
Water and Oil Resistance	Maintain grip; Reduce slip	No dropped tools due to wet, humid or sweaty environments; Secure grip in dirty/oily work environments; Enhances grip allowing for lighter grip and less fatigue
Grip Performance Advantage	Lighter grip, more natural motion in use, increased friction, enhanced traction.	Faster swing, further ball drive, reduces fatigue, increased productivity, and ability to work longer.
Pressure Sensitive Adhesive	Bonds to a wide variety of surfaces, including low surface energy plastics.	Versatile, one solution for a variety of applications, quick and easy installation.
Plain Back “Stretchy” Backing	Ability to expand and move without tearing.	Useful for glove and textile applications.

What is the difference between 3M™ Gripping Material GM110 and GM400?

3M™ Gripping Material GM110 is a plain back product designed for sew-on applications. 3M™ Gripping Material GM400 is an adhesive backed product designed for wrapping onto substrates.

How does the sew-on material differ from the adhesive backed material?

The GM110 sew-on gripping material is different from the adhesive backed gripping material as it has a backing which is designed to offer some stretch properties. The GM 110 material is also washable. The adhesive backed material is not.

Does the 3M™ Gripping Material work without a glove?

Yes. Applying the gripping material to a substrate and using your bare hand will provide some performance advantage. However utilizing a glove that has 3M™ Gripping Material on it will substantially increase the performance of the gripping material.

Am I able to use just a glove with 3M™ Gripping Material on it?

It is strongly recommended that the glove featuring 3M™ Gripping Material be used in conjunction with a mating piece of 3M™ Gripping Material applied on the substrate.

Is 3M™ Gripping Material the same 3M™ Greptile™?

Yes. It is the same product. However, the brand name was obsoleted several years ago.

Is 3M™ Gripping Material the same material that is on the Industrial Abrasive Power Line Tools?

Yes, Industrial Abrasive Power Line Tools utilizes the same technology as 3M™ Gripping Material.

Are molded grips available?

Molded grips are available. They are custom designed and made for customers who present a large opportunity. Please contact Tanya Richert, Product Marketer, at 651-733-1715 or tlrichert@mmm.com with questions and/or requests.

When should someone use a molded grip versus a tape?

We recommend that molded grips be used for high volume applications, where the durability of a molded grip would be an application advantage.

What applications might 3M™ Gripping Material be used for?

Home	Work	Play
<ul style="list-style-type: none"> -Power Tools -Garden Tools -Lawn Care Equipment -Snow Blowers -Medical Assistance -Therapeutic Products 	<ul style="list-style-type: none"> -Work Gloves -Industrial Tools -Construction Equipment -Steering Wheels -Handrails -Handles and Levers 	<ul style="list-style-type: none"> -Bat Wrap -Batting Gloves -Water Ski Gloves -Water Ski Equipment -Snow Ski Gloves -Snow Ski Equipment -Racquetball Gloves -Bicycle Handlebars -Fishing Rods

What markets might 3M™ Gripping Material be appropriate for?

- Sporting Goods
- Construction
- Specialty Vehicle
- Furniture
- Military/Government
- Medical
- Automotive/Transportation
- General Industrial

What is the difference between 3M™ Gripping Material and other grip tapes?

3M™ Gripping Material differs from other grip tapes due to the micro replicated structure and grip surface. These attributes provide a different feel and higher performance versus existing products in the marketplace.

Does 3M™ Gripping Material melt or deform?

Yes. 3M™ Gripping Material will resist deforming or softening to temperatures up to 160 degrees Fahrenheit.

Is 3M™ Gripping Material resistant to chemicals?

3M™ Gripping Material GM110 and GM400 have been tested against the following:

- Motor Vehicle Brake Fluid
- Gasoline (Regular Unleaded)
- Ethylene Glycol
- Ethyl Alcohol
- Toluene
- Motor Oil (W30)
- Diesel Fuel

3M™ Gripping material shows no deformation or degradation after 15 minutes of submersion in the chemicals listed above.

Does 3M™ Gripping Material work in wet and/or oily conditions?

Yes. 3M™ Gripping Material GM110 and GM400 offer superior performance and exceptional grip in wet and oily conditions.

What color is 3M™ Gripping Material?

3M™ Gripping Material is currently available in black, gray and clear. Alternative colors may be available with a predetermined volume commitment.

Will the color of 3M™ Gripping Material fade?

3M™ Gripping Material offers good UV resistance. However, not unlike other materials, it will fade over time.

How long does this product last?

Longevity of 3M™ Gripping Material is dependant upon how much and how often it is used. When compared to leather, 3M™ Gripping Material has very good performance.

What is the shelf life of 3M™ Gripping Material?

The shelf life of 3M™ Gripping Material is 2 years from the date of manufacture

Are there other versions of 3M™ Gripping Material available?

Additional versions of 3M™ Gripping Material are under development. New products may include soft, which will offer better grip with only one side of coverage and a clear version of the product. High temperature and Barry Compliant, for military applications, may also become available. A product that would be tearable by hand is also being developed. The Company is also investigating the possibility of custom printing.

Is 3M™ Gripping Material available various adhesive options?

At this time 3M™ Gripping Material products GM110 and GM400 are made with 300LSE adhesive. Alternative adhesive options may be available with a predetermined volume commitment.

What is the difference between GM400 and TB400?

TB400 is the trial bag format of the GM400. A trial bag consists of rolls or sheets of product designed to provide enough material for customers to test in various applications economically.

Should distributors and/or converters stock 3M™ Gripping Material?

3M™ Gripping Material products are available to both distributors and converters. Distributors may find that a trial bag is the most appropriate product to stock, as it is adhesive backed and is designed to be wrapped to many substrates. It is likely that converters will be most interested in GM110, as they have the capability to die cut and laminate these products for various applications.

Can I purchase 3M™ Gripping Material from 3M?

3M™ Gripping Material is available in select sizes on www.shop3m.com.

Are 3M™ Gripping Material demo kits available?

A limited number of 3M™ Gripping Material demo kits are available. Please contact Tanya Richert, Product Marketer, at 651-733-1715 or trichert@mmm.com for additional information.

Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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