

Selection Chart

How to choose the right crepe masking tape

What do you plan to use the tape for?

3M™ Industrial Masking Tapes

Industrial masking made simple.

It's Easy to Choose the Best Tape to Get the Job Done Right

To win in today's highly competitive marketplace, you need the right tools. That includes your masking tapes. 3M has created a simple, 5-tape system to help you choose the right tape for your job. Five tapes, built on increasing levels of performance and a common goal of helping you finish jobs worth finishing.



Now it's easy to choose the best tape to get the job done right!

Non Paint Masking Application

Paint Masking Application



Medium Temp

High Temp

Occasional Use

3M™ Value Masking Tape
101+

- The basic tape for basic jobs
- Indoor use
 - Light-duty applications
 - Ideal for marking, temporary holding, wrapping and sealing



Repetitive Task

3M™ General Use Masking Tape
201+

- The tough tape for everyday jobs
- General indoor use
 - Light-to-medium duty
 - Smooth and conformable
 - Sticks with confidence to a wide variety of surfaces
 - Easy to handle, apply and remove in one piece
 - Ideal for bundling, labeling and identifying



225° F

3M™ Performance Yellow Masking Tape
301+

- The dependable choice for industrial performance
- Good conformability to irregular surfaces
 - Resists paint bleed-through
 - Great paint lines
 - Yellow backing ensures good visibility
 - Ideal for industrial paint masking, bundling, holding, marking, color coding and sealing
 - Withstands surface temperatures up to 225°F (107°C) for 30 minutes



250° F

3M™ High Performance Green Masking Tape
401+

- The industrial strength GREEN colored performance
- Highly conformable to many surfaces
 - Superior adhesion to metal, rubber, glass and plastic
 - Removes cleanly in one piece with no residue
 - Resists paint bleed-through
 - Creates super-sharp paint lines
 - Green backing improves visibility and accuracy during paint masking
 - Ideal for high performance industrial painting, including two-tone color application on trucks, buses, trailers, trains, fire trucks, ambulances and airplanes
 - Withstands surface temperatures up to 250°F (121°C) for 30 minutes



300° F

3M™ Specialty High Temperature Masking Tape
501+

- The highest degree of industrial performance
- Exceptionally conformable to irregular surfaces
 - Superior adhesion to metal, rubber, glass and plastic
 - Removes cleanly in one piece with no residue
 - Extra-strong backing resists bleed-through from most industrial paints
 - Creates super-sharp paint lines
 - Ideal for all high temperature paint baking, fascia painting and pipe coating applications
 - Withstands surface temperatures up to 300°F (149°C) for 30 minutes



| | | | | | |
|--|---------------------|---------------------|---------------------|----------------------------|--|
| Adhesive | Hot Melt Rubber | Solvent Free Rubber | Solvent Free Rubber | Solvent Free Rubber | Rubber |
| Best for | Light Duty | General Use | Paint Masking | High Quality Paint Masking | High Temp. Paint Masking |
| Temperature °F (°C) | 150° (66°C) | 200° (93°C) | 225° (107°C) | 250° (121°C) | 300° (149° C) |
| Time at Maximum Temperature (Mins) | 30 | 30 | 30 | 30 | 30 |
| Holding power | Good | Good | Better | Better | Best |
| Paint line quality | Ok | Ok | Great | Sharp | Super Sharp |
| Clean removal days (indoors) | 1 | 1 | 5 | 5 | 3 |
| UV clean removal days | No | No | 1 | 1 | No |
| Multiple bake cycles | | | | ● | ● |
| Backing Material | Crepe Paper | Crepe Paper | Crepe Paper | Crepe Paper | Crepe Paper (treated with a heat resistant saturant) |
| Color | Tan | Tan | Yellow | Green | Purple |
| Total Thickness mils (mm) <small>[Based on ASTM Test Method]</small> | 5.1 (0.13) [D-3652] | 4.4 (0.11) [D-3652] | 6.3 (0.16) [D-3652] | 6.7 (0.17) [D-3652] | 6.0 (0.15) [D-3652] |
| Tensile Strength lb/in (N/100mm) <small>[Based on ASTM Test Method]</small> | 22 (385) [D-3759] | 19 (383) [D-3759] | 22 (385) [D-3759] | 25 (438) [D-3759] | 33 (578) [D-3759] |
| Elongation at Break % <small>[Based on ASTM Test Method]</small> | 9 [D-3759] | 8 [D-3759] | 12 [D-3759] | 10 [D-3759] | 12 [D-3759] |
| Surfaces | | | | | |
| Standard surface metals, plastics | ● | ● | ● | ● | ● |
| Adhesion to Steel oz/in (N/100mm) <small>[Based on ASTM Test Method]</small> | 34 (37) [D-3330] | 25 (27) [D-3330] | 30 (33) [D-3330] | 36 (39) [D-3330] | 38 (42) [D-3330] |
| Exotic metal (phosphate or zinc plated) | | | | | ● |
| Hard-to-stick rubbers (Eg: EPDM) | | | ● | ● | ● |
| Vinyl | ● | ● | ● | ● | ● |
| Glass | ● | ● | ● | ● | ● |
| Clear plastics (polycarbonate, acrylic) | | | ● | ● | ● |
| Delicate surfaces | | ● | | | |
| Carpet fiber | ● | ● | ● | ● | ● |
| Concrete/brick | ● | ● | ● | ● | ● |
| Wood and porous substrates | ● | ● | ● | ● | ● |

● Recommended ○ Test prior to final specification

Note: The technical information and data on this chart should be considered representative or typical only and should not be used for specification purposes.



Consider 301+ for general purpose, low to medium temperature applications up to 225°F (107°C).



Consider 401+ for critical masking applications with temperatures up to 250°F (121°C).



Consider 501+ for bake temperatures up to 300°F (149°C) or for multiple bake cycles.