



3M™ Masking Tapes – Crepe

Holding power, line sharpness, and removal the way you want

In this simplified line, you will find a range of such characteristics as adhesive holding power, line sharpness, and clean removal to meet different application requirements for virtually every industrial and consumer application. 3M products also feature...

- Instant adhesion at a touch
- Easy tear without stretching or pulling
- Controlled unwind...not too easy or too hard
- Conformability to stretch and adhere around curves
- Thin caliper to help prevent edge buildup
- Smooth to the touch for user comfort
- Flake-resistant backing for anchoring paint
- Resistance to solvent penetration



For best-in-class holding power for critical lines and clean removal, 3M™ Masking Tape 231 offers an optimum combination of characteristics for high valued products or processes.



A quick easy wrap of 3M™ Masking Tape bundles plastic or metal pipes and other items. Select from wide range of temperature resistance to meet storage or transport conditions.



For attaching production records during assembly, warranty cards, or other temporary communications, 3M™ Masking Tapes 203, 2307, 200, and 2214 are cost-effective options.



3M authorized converters can slit 3M™ Masking Tapes to specified widths and roll lengths, as well as die-cut to unique shapes for specialized applications.

Streamlined selection

In the guide below you will quickly find solutions for most industrial applications. If not, many other 3M masking tapes are available for more specialized requirements (see the following pages).

Five questions to make 3M™ Masking Tape selection as easy as I, II, III

1. What is your application?



2. To what temperature will the tape be exposed during use?



3. Do you need maximum holding power during use?

4. Do you need maximum paint edge sharpness when the tape is removed?



5. Do you want to remove the tape without slivering and adhesive residue?

*30 min. bake

Increasing Holding Power, Line Sharpness, and Clean Removal

Tapes with best-in-class holding power for critical paint lines and clean removal on high valued products or processes.

Product number

2693 up to 325°F (163°C)

231 up to 300°F (149°C)

232 up to 250°F (121°C)

Tapes with reliable masking and clean removal on surfaces for functional coatings or paints; splicing; heavy duty maintenance.

Product number

2380 up to 325°F (163°C)

2364 up to 300°F (149°C)

234 up to 250°F (121°C)

Tapes with clean removal for light duty bundling, attaching, and labeling.

Product number

2307 up to 200°F (93°C)

200 up to 200°F (93°C)

2214 up to 150°F (66°C)

Increasing Temperature Performance*

Product Information:

Product	Tape Structure (Backing/Adhesive)	Total Thickness mils (mm)	Adhesion oz./in. (N/100 mm)	Tensile Strength lbs./in. width (N/100 mm)	Elongation at Break %	Temperature Range °F (°C)	Comments
Low Temperature (Holding, Bundling and Sealing)							
200	Natural Colored Crepe Paper/Rubber	4.5 (0.11)	27 (29)	20 (350)	8	Up to 200°F (93°C)*	Good instant adhesion.
203 ¹	Natural Colored Crepe Paper/Rubber	5.2 (0.13)	35 (37)	20 (350)	9	Up to 200°F (93°C)**	Good price/value relationship.
2214	Natural Colored Crepe Paper/Rubber	5.3 (0.13)	24 (26)	20 (350)	10	Up to 150°F (66°C)*	Good for holding and bundling.
2307 ^{1,2}	Natural Colored Crepe Paper/Rubber	5.6 (0.14)	32 (34)	20 (350)	9	Up to 200°F (93°C)**	Solvent-free construction; non-critical paint masking.

¹CID A-A883A, Type I ²PPP-T-42C, Type I *Up to 30 minutes **Up to 60 minutes

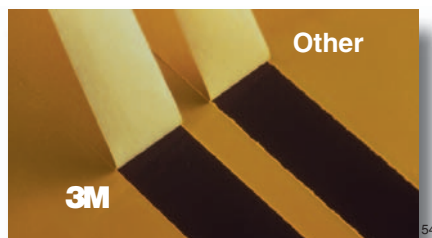
Medium Temperature Paint Masking							
202 ^{1,2}	Natural Colored Crepe Paper/Rubber	6.3 (0.16)	41 (44)	27 (472)	8	Up to 250°F (121°C)*	Good holding power.
232 ^{1,2}	Natural Colored Crepe Paper/Rubber	6.3 (0.16)	41 (44)	27 (472)	8	Up to 250°F (121°C)*	Good paint lines.
234 ^{1,2}	Natural Colored Crepe Paper/Rubber	6.0 (0.15)	34 (37)	27 (472)	8	Up to 250°F (121°C)*	Excellent control unwind.
2308	Natural Colored Crepe Paper/Rubber	5.6 (0.14)	37 (43)	22 (367)	7	Up to 250°F (121°C)*	Good transfer resistance.

¹CID A-A883A, Type I ²PPP-T-42C, Type I *Up to 30 minutes

High Temperature Paint Masking							
213	Crepe Paper/Rubber	6.5 (0.16)	41 (45)	30 (525)	9	Up to 350°F (177°C)*	Good on anodized aluminum.
214	Crepe Paper/Rubber	6.7 (0.17)	27 (29)	24 (420)	10	Up to 350°F (177°C)*	Stain resistant.
231/231A ^{1,2}	Natural Colored Crepe Paper/Rubber	7.6 (0.19)	38 (41)	28 (490)	10	Up to 300°F (149°C)*	Best all-purpose paint masking tape.
2364	Crepe Paper/Natural Synthetic/Rubber Blend	6.5 (0.16)	36 (39)	23 (402)	10	Up to 300°F (149°C)*	Cost effective high temp performance.
2380	Crepe Paper/Natural Synthetic/Rubber Blend	7.5 (0.19)	40 (43)	27 (472)	10	Up to 325°F (163°C)*	High temperature.
2393	Mini-Crepe Paper/Rubber	7.6 (0.19)	30 (32)	28 (490)	11	Up to 325°F (163°C)*	Low holding; use where clean removal is a problem.
2693	Mini-Crepe Paper/Synthetic	8.5 (0.21)	46 (50)	26 (455)	10	Up to 325°F (163°C)*	Very aggressive holding; excellent for multi-bake paint cycles.

¹CID A-A883A, Type I ²PPP-T-42C, Type I *Up to 30 minutes

Note: This technical information and data should be considered representative or typical only and should not be used for specification purposes.



Some masking tapes leave a ragged paint edge that may require rework. 3M™ Masking Tapes feature a thin, smooth backing for a sharp paint line.



With sliver-resistant crepe backing, 3M™ Masking Tapes peel off neatly without breaking into pieces. Saves time and work for removal.



With an engineered balance of crepe and adhesive, 3M™ Masking Tapes conform to compound surfaces and around curves without tearing the backing.



3M™ Masking Tapes – Fine Line and Flatback

Holding power, line sharpness, and removal the way you want

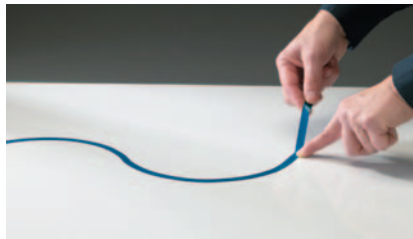
With a core capability of coating technology, 3M combines paper or film backings with different adhesives for demanding applications.

3M™ Fine Line Tapes

- Sharpest possible paint lines
- Conformability to stretch and adhere around sharp curves
- Film or vinyl backings flex easily for creating curved paint edges
- Resist edge lifting

3M™ Flatback Tapes

- High strength paper backing for surface protection when applying thick-coat paint or caulk
- Versatile for many holding, edging binding, and splicing applications requiring easy visibility



With blue vinyl backing and rubber adhesive, 3M™ Fine Line Masking Tape 4737S offers best-in-class conformability and line sharpness for curves in high value processes.



A combination of 3M™ Fine Line Masking Tape and 3M™ Crepe Masking Tape readies a motorcycle gas tank for custom painting that creates a sharp, high impact graphic image.






For a sharp paint line on curved fascia, 3M™ Fine Line Masking Tape 4737T adheres securely and removes cleanly even after exposure to 325°F (163°C) for one hour.



With a specialty processed film backing, 3M™ Fine Line Masking Tape 218 tapes over fresh paint sooner than crepe tapes with less chance of imprint damage.

Streamlined selection

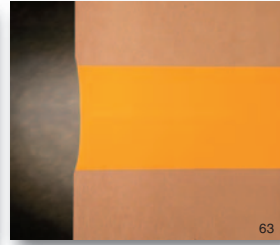
In the guide below you will quickly find fine line and flatback solutions for most industrial applications. If not, other 3M masking tapes are available for more specialized requirements. See the next page.

  	Increasing conformability and clean removal	Fine line tapes for sharpest possible paint lines Best-in-class for conformability on sharper curves in high value processes Product number 4737T up to 325°F (163°C) 4737S up to 325°F (163°C) 4735 up to 300°F (149°C)	Increasing holding power and backing strength	Flatback paper tapes with high strength backing for surface protection Best-in-class holding power and backing strength for thick-coat paint or caulk Product number 2525 up to 300°F (149°C)
		Heavy duty workhorse for long, straight lines on flat surfaces Product number 218 up to 250°F (121°C)		Holding power and backing strength for thick-coat paint or caulk Product number 2517 up to 300°F (149°C)
				General purpose splicing, holding and bundling Product number 2515 up to 200°F (93°C)
		Increasing temp performance*		

*30 min. bake



Versatile 3M™ Performance Flatback Tape 2525 provides high visibility for holding many materials, edge banding, and splicing.



For splicing paper or fabric, 3M™ Flatback Tapes provide high machine direction tensile strength and easy cross tear. Rubber adhesive holds securely on materials ranging from kraft paper to nonwoven fabric.

Product Information:

Product	Tape Structure (Backing/Adhesive)	Total Thickness mils (mm)	Adhesion oz./in. (N/100 mm)	Tensile Strength lbs./in. width (N/100 mm)	Elongation at Break %	Temperature Range °F (°C)	Comments
Fine Line Masking Tapes							
215	Blue, Plastic Film/Rubber	4.7 (0.12)	48 (53)	10 (175)	460	Up to 250°F (121°C) Up to 40 min.	Medium temperature.
218	Green Matte Finish, Polypropylene Film/Rubber	4.8 (0.12)	39 (43)	13 (228)	490	Up to 250°F (121°C) Up to 30 min.	Medium temperature.
222	White Polyester Film/Acrylic	2.4 (0.06)	24 (26)	26 (455)	127	Up to 325°F (163°C) Up to 1 hour	High temperature.
4735	Orange Vinyl Film/Rubber	5.5 (0.14)	15 (16)	15 (260)	130	Up to 300°F (149°C) Up to 30 min.	High temperature.
4737S	Opaque Blue Vinyl Film/Rubber	5.1 (0.13)	14 (15)	14 (245)	150	Up to 325°F (163°C) Up to 1 hour	High temperature.
4737T	Translucent Blue Vinyl Film/Rubber	5.1 (0.13)	14 (15)	17 (297)	150	Up to 325°F (163°C) Up to 1 hour	High temperature.
Flatback Tapes							
250	Tan Flat Stock Paper/Rubber	5.9 (0.15)	65 (71)	62 (1086)	3	Up to 250°F (121°C) Up to 30 min.	PPP-T-42C, Type II
256	Red/White/Green Flat Stock Paper/Rubber	6.7 (0.17)	30 (33)	25 (438)	5	Up to 200°F (93°C) Up to 1 hour	Printable, accepts marking inks.
2515	Tan Flat Stock Paper/Rubber	6.7 (0.17)	55 (60)	36 (630)	3	Up to 200°F (93°C) Up to 30 min.	General purpose splicing, holding and bundling applications.
2517	Tan Flat Stock Paper/Rubber	6.4 (0.16)	74 (80)	36 (630)	4	Up to 300°F (149°C) Up to 1 hour	Excellent splicing, holding and bundling applications.
2525	Orange Flat Stock Paper/Rubber	9.5 (0.24)	69 (75)	49 (858)	2	Up to 300°F (149°C) Up to 1 hour	Premium splicing, holding and bundling applications.
2526	White Flat Stock Paper/Rubber	9.8 (0.242)	69 (75)	50 (858)	4	Up to 300°F (149°C) Up to 1 hour	Excellent adhesion and strength for textile applications.

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