



Bringing better ideas to the surface through science and service

3M Industrial Adhesives and Tapes Division helps companies worldwide apply the science of adhesion to the practicalities of improved product design and manufacturing. The end results are solutions for managers, engineers, marketers and other decision makers who need to get a more competitive product to market while improving the process of getting it there.

In this guide, 3M adhesive science is typically applied to protecting, masking, enhancing, or in other ways modifying surfaces to improve appearance, function, and productivity. You will also find ideas for splicing, manual and automatic case sealing, and temporary holding applications such as bundling pipes or hanging poly drapes. Here are just a few application ideas:

• Protect against marring and scratches

- · Mask for painting or sandblasting
- · Splice paper or film
- Securely seal boxes exposed to moisture and cold temperatures
- Quickly apply high strength L-clips to seal full overlap cartons
- · Resist abrasion or flame
- · Conduct heat or electricity
- · Repel sticky materials
- Enhance glass with optical accents
- Mark to identify or differentiate
- · Color-code for attention
- Cover to stop moisture
- · Ouiet noise

Many 3M adhesive solutions are also available for product assembly – bonding or holding product components together with strength that ranges from permanent

to repositionable. You can find assembly solutions in the *Adhesives and Tapes Design Guide for Bonding, Attaching, and Fastening.*

Solutions through service...

3M representatives are located throughout the United States, Canada, and 50 other countries for sales assistance.

For technical service, a highly trained team is ready to help you evaluate tapes for specific applications.

A national authorized distributor network provides sales assistance and local product availability. Authorized converters can also help you adapt 3M tapes to meet special requirements for shape, size, and production.

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Or call with questions: 1-800-362-3550

Selecting the right product for the job

To help you make sure you find the optimum 3M tape or other adhesive-backed product for your particular application, you'll want to consider several factors:

- · Backing material
- · Adhesive type
- Application time and temperature
- Surface characteristics (eg., roughness, surface energy, contours, etc.)
- End use conditions (eg., temperature, UV exposure, abrasion, etc.)

The information on these two pages integrates those factors to help you narrow your selection to fewer products for a more in-depth evaluation.

3M Backing Materials

In many applications, 3M backings add a second surface that affects how the underlying surface relates to the environment.

To optimize that relationship, 3M backings offer a wide choice of performance and handling characteristics.

Backings	Characteristics
Paper	onara di la contra
Crepe	Conformable, easy tear.
Flatback	Strong, smooth, good for straight line masking.
Kraft	Strong, some versions are repulpable.
Tissue	Thin, porous to allow adhesive penetration of sheet.
Plastic	
Polyester	Strong even when thin, chemical resistant, high temperature resistance.
Polypropylene	Resistant to most solvents, conformable, tear resistant.
Polyethylene	Conformable, easy to stretch, chemical/acid/moisture resistant, economical.
Polyethylene/ Polypropylene Co-polymer	Conformable, chemical/acid/moisture resistant.
UHMW – Polyethylene	High abrasion resistance, low coefficient of friction, antistick surface easy to clean.
Polyvinyl Chloride (Vinyl)	Conformable, abrasion resistant, resistant to most chemicals.
Polyimide (eg., Kapton®)	High temperature resistance, excellent dimensional stability, good insulation properties.
Polyamide (Nylon)	High temperature resistance, high strength and toughness, good chemical resistance but can absorb moisture.
Polytetrafluoroethylene (PTFE)	Low coefficient of friction, excellent high temperature and chemical resistance, antistick/release properties.
Polyvinyl Alcohol (PVA)	Water-soluble, organic solvent resistant, high temperature resistance.
Polyurethane	Abrasion/scratch resistant, impact/puncture resistant, UV and corrosion resistant.
Polyvinyl Fluoride (eg., Tedlar®)	Excellent weather resistance, excellent long-term UV resistance, thin yet stiff feel.
Cloth	
Cotton	Strong, easy tear by hand, soft and drapable.
Glass Cloth	Strong, high temperature resistance, flame-resistant.
Polyethylene Coated	Strong yet hand tearable, abrasion resistant, water-resistant, conformable.
Non-woven	
Fiber	Air permeable, strong enough to hold expanding foams.
Metals	
Aluminum	Heat and light reflective, moisture and chemical resistant, flame-resistant, outdoor weather resistant, conformable.
Lead	Electrically conductive, acid resistant, high conformability, x-ray opacity.
Rubber	
Neoprene	Abrasion resistant, die-cuttable.
Combination (Laminates)	
Paper/Polyethylene	Weather and chemical resistant, hand tearable, stretch resistant.
Metalized/Polyester	Reflective, decorative.
Glass Cloth/PTFE	High temperature resistance, high strength.
Glass Cloth/Aluminum	Very high temperature resistance, high strength.
Non-woven/Aluminum	High heat and cold resistance.

3M Pressure Sensitive Adhesives

Most of the products in this guide feature a 3M pressure sensitive

adhesive that bonds the backing to another surface on contact. Each adhesive has different characteristics that affect production and end use performance.

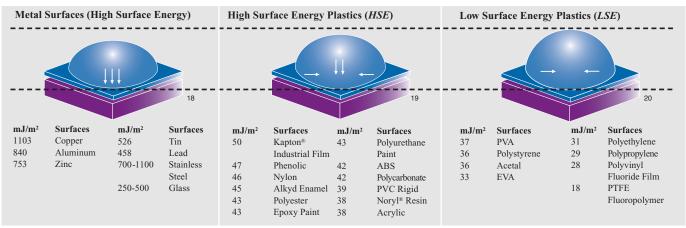
Adhesives Adhesives									
Rubber	Standard Acrylic	Modified Acrylic	Silicone						
High initial bond	Moderate initial bond	Bonds to wider variety than standard acrylic	Fair initial bond						
Softer	Firmer	Softer	Very firm						
Widest variety of surfaces	High surface energy*	Many surfaces	Fewer surfaces						
including low surface energy									
materials*									
Up to 350°F	Up to 450°F	Up to 300°F	Up to 600°F, excellent low temperature performance						
Fair chemical resistance	Excellent chemical resistance	Good chemical resistance	Excellent chemical resistance						
Fair UV resistance	Excellent UV resistance	Moderate UV resistance	Excellent UV resistance						
Poor aging	Excellent aging	Durable	Excellent aging						
Removable	Permanent	Various	Removable						
Good solvent resistance	Excellent solvent resistance	Good solvent resistance	Excellent solvent resistance						

*Surface energy ranges from high to low. To illustrate the concept of surface energy, think of water on the unwaxed hood of a car. The unwaxed hood has high surface energy and water on the hood flows into puddles. In comparison, a waxed hood has low surface energy and the water beads up rather than flows out. Similar to water, adhesive on a high surface energy surface flows and "wets out" the surface. "Wetting out" is required to form a strong bond.

As a rule of thumb, the higher the surface energy, the greater the strength of adhesion.

Specially formulated adhesives are available for low surface energy surfaces. The following illustrations and surface rankings give you an idea of relative surface energy.

Regardless of surface energy, the substrate must be unified, dry, and clean to maximize adhesive contact.



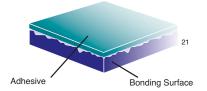
Note: These values are provided as a guide. Formulation modifications can substantially alter surface energies.

Adhesive Surface Contact

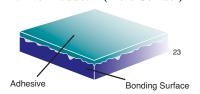
Applying firm pressure to the bond increases adhesive flow and contact for more secure bonding.

Time and temperature will typically further increase contact and adhesion values.

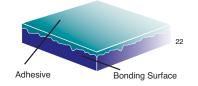
1. Initial Contact (Minimal Contact)

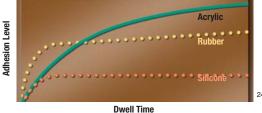


2. After Rubdown (More Contact)



3. After Dwell Time (Excellent Contact)





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





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



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



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 composite masking, 3M fine line (see page 8) overtapes 3M crepe masking tape for gelcoat color separation.

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).



Product Information:

Product	Tape Structure (Backing/Adhesive)	Color	Total Thickness mils (mm)	Adhesion oz./in. (N/100 mm)	Tensile Strength Ibs./in. width (N/100 mm)	Elongation at Break %	Temperature Range °F (°C)	Comments
Low Temper	rature (Holding, Bundling a	nd Sealing)	'	•	•			
200	Crepe Paper/Rubber	Tan	4.4 (0.11)	25 (27)	19 (333)	8	Up to 200°F (93°C)*	Good instant adhesion.
2031	Crepe Paper/Rubber	Tan	4.7 (0.12)	28 (31)	22 (385)	8	Up to 200°F (93°C)**	Good price/value relationship.
2209	Crepe Paper/Rubber	Tan	5.1 (0.13)	22 (24)	23 (403)	10	Up to 150°F (66°C)*	Most economical light duty holding and sealing.
2214	Crepe Paper/Rubber	Tan	5.2 (0.13)	22 (24)	22 (385)	9	Up to 150°F (66°C)*	Good for holding and bundling.
23071	Crepe Paper/Rubber	Tan	5.2 (0.13)	28 (31)	23 (403)	8	Up to 200°F (93°C)*	Solvent-free construction; non-critical paint masking.
Meets ASTM D6	123/D6123M-97 *Up to 30 minu	ites **Up to 60	minutes					
Medium Ten	nperature (Paint Masking)							
2021	Crepe Paper/Rubber	Tan	6.3 (0.16)	41 (44)	27 (472)	8	Up to 250°F (121°C)*	Good holding power.
2321	Crepe Paper/Rubber	Tan	6.3 (0.16)	41 (44)	27 (472)	8	Up to 250°F (121°C)*	Good paint lines.
2341	Crepe Paper/Rubber	Tan	6.0 (0.15)	34 (37)	27 (472)	8	Up to 250°F (121°C)*	Excellent control unwind.
23081	Crepe Paper/Rubber	Tan	5.3 (0.13)	35 (38)	22 (385)	10	Up to 250°F (121°C)*	Good transfer resistance.
Meets ASTM D6	3123/D6123M-97 *Up to 30 mini	ıtes						
High Tempe	rature (Paint Masking)							
2131	Crepe Paper/Rubber	Tan	6.5 (0.16)	41 (45)	30 (525)	9	Up to 350°F (177°C)*	Good on anodized aluminum.
2141	Crepe Paper/Rubber	Tan	6.7 (0.17)	27 (29)	24 (420)	10	Up to 350°F (177°C)*	Stain resistant.
231/231A1	Crepe Paper/Rubber	Tan	7.6 (0.19)	38 (41)	28 (490)	10	Up to 300°F (149°C)*	Best all-purpose paint masking tape.
23641	Crepe Paper/Natural Synthetic/Rubber Blend	Tan	6.5 (0.165)	36 (39)	30 (525)	10	Up to 300°F (149°C)*	Cost effective, high temp performance.
23801	Crepe Paper/Natural Synthetic/Rubber Blend	Tan	7.5 (0.19)	43 (47)	27 (472)	10	Up to 325°F (163°C)*	High temperature. Best holding to widest variety of surfaces.
23931	Mini-Crepe Paper/ Rubber	Tan	7.6 (0.185)	32 (36)	28 (490)	11	Up to 325°F (163°C)*	Low holding; use where clean removal is a problem.
26931	Mini-Crepe Paper/ Synthetic	Tan	8.5 (0.21)	46 (50)	26 (455)	10	Up to 325°F (163°C)*	Very aggressive holding; excellent for multi-bake paint cycles.

¹Meets ASTM D6123/D6123M-97 *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, $3M^{\mbox{\tiny M}}$ 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, Flatback, and Specialty

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

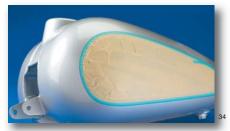
With a core capability of coating technology, 3M combines paper or film backings with different adhesives for demanding applications.

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



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



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.



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.



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.







Product Information:

Product	Tape Structure (Backing/Adhesive)	Color	Total Thickness mils (mm)	Adhesion oz./in. (N/100 mm)	Tensile Strength Ibs./in. width (N/100 mm)	Elongation at Break %	Temperature Range °F (°C)	Comments
Fine Line M	asking Tapes							
215	Plastic Film/Rubber	Blue	4.7 (0.12)	42 (46)	10 (175)	830	Up to 250°F (121°C) Up to 30 min.	Medium temperature. Excellent conformability.
218	Matte Finish, Polypropylene Film/Rubber	Green	5.0 (0.13)	37 (40)	13 (228)	720	Up to 250°F (121°C) Up to 30 min.	Medium temperature. conformability yet good for straight.
222	Polyester Film/Acrylic	White	2.4 (0.06)	24 (26)	26 (455)	127	Up to 325°F (163°C) Up to 1 hour	High temperature. Thin low profile lines.
265	Matte Finish, Polypropylene	Green	5.1 (0.13)	21 (23)	21 (368)	881	Up to 200°F (121°C) Up to 30 min.	In-mold composite masking where sharp, clean, gel-coat color separation lines are desired.
4735	Vinyl Film/Rubber	Orange	5.5 (0.14)	15 (16)	15 (260)	130	Up to 300°F (149°C) Up to 30 min.	High temperature. More comfortable than 4737.
4737S	Vinyl Film/Rubber	Blue (opaque)	5.1 (0.13)	14 (15)	14 (245)	150	Up to 325°F (163°C) Up to 1 hour	High temperature.
4737T	Vinyl Film/Rubber	Blue (translucent)	5.1 (0.13)	14 (15)	16 (280)	150	Up to 325°F (163°C) Up to 30 min.	High temperature. Good conformability.
Flatback Ta	pes							
250	Flat Stock Paper/ Rubber	Tan	5.9 (0.15)	70 (77)	58 (1016)	4	Up to 200°F (93°C) Up to 30 min.	Meets ASTM D6123M-97* Used in paint adhesion testing.
256	Flat Stock Paper/ Rubber	Red/White/ Green	6.7 (0.17)	25 (27)	20 (350)	5	Up to 200°F (93°C) Up to 30 min.	Printable, accepts marking inks.
2515	Flat Stock Paper/ Rubber	Tan	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	Flat Stock Paper/ Rubber	Tan	6.4 (0.16)	78(85)	35 (543)	2	Up to 300°F (149°C) Up to 30 min.	Excellent splicing, holding and bundling applications.
2525	Flat Stock Paper/ Rubber	Orange	9.5 (0.241)	69 (75)	49 (858)	2	Up to 300°F (149°C) Up to 30 min.	Premium splicing, bright color.
2526	Flat Stock Paper/ Rubber	White	9.8 (0.242)	69 (75)	50 (858)	4	Up to 300°F (149°C) Up to 30 min.	Excellent adhesion and strength for textile applications.
Specialty M	asking Tapes							
225	Crepe Paper/Rubber		5.8 (0.15)	33 (36)	21 (368)	9	Up to 200°F (93°C) Up to 30 min.	Outdoor
226	Polyethylene Saturated Crepe Paper/Rubber	Tan	10 (0.25)	40 (43)	30 (526)	8	Up to 250°F (121°C) Up to 30 min.	Outdoor
2510	Black Crepe Paper/ Rubber	Tan	5.6 (0.14)	35 (37)	20 (350)	9	Up to 200°F (93°C) Up to 1 hour	Indoor
2497ST	Polyester/Rubber	Transparent	3.3 (0.09)	17 (18)	52 (910)	112	Up to 300°F (149°C) Up to 30 min.	High temperature. Tear-resistant backing.
5903	Polyethylene/ Synthetic rubber	Red	7.0 (0.18)	81 (89)	23 (403)	72	Up to 200°°F (93°C)	UV and weather resistant for outdoor masking, holding, patching,bundling, marking and more. 30-day clean removal.

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

3M™ Masking Tapes – Large Area Masking Systems

Gross masking for large area protection against overspray and incidental direct spray

For large area coverage, 3M provides a choice of tape types and sizes and gross masking materials. Combine your choice of components into a reliable, cost-effective system for applications in aerospace, automotive, farm implement, buses, marine, and more.

3M[™] Masking Tapes

- Crepe tapes ranging in widths from 1/2" to 3" to hold gross masking in place
- Fine line vinyl or film tapes in widths from 1/4" to 4" for a sharp paint line at the edge of gross masking

3M™ Gross Masking Materials

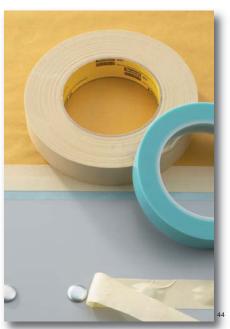
- Paper or film sheets for applications less than 36" wide
- Film sheeting for applications up to 240" wide
- Film bags up to 96" wide



With the robust paint system and process for farm implements, 3M™ Large Area Masking Paper 6700 offers best-in-class protection for no bleed through and paint flaking.



A paint masking system for the plastic fairing of a motorcycle, combines 3M[™] Large Area Masking Paper with 3M[™] Crepe Masking Tape 231 and 3M[™] Fine Line Masking Tape 218.



3M[™] Fine Line Masking Tape 4737T applied over the edge of 3M[™] Crepe Masking Tape 231, provides a sharp line for painting a truck panel. The crepe tape holds gross masking product in place.

Streamlined selection

In the guide below, you will quickly find large area masking solutions for most industrial applications. If not, other 3M large area products are available for more specialized requirements. See the next page.



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Product Information:

Product. Color	/	Paper/Film Structure	Basic Weight Ibs.		al ckness s (mm)	Tensile Strength lbs./in. width		Cross Direction Tensile Strength Ibs./in. width (N/100 mm)		Elongation at Break %		Temperature Range °F (°C)				
Large A	rea Masking	Paper										'				
White																
6537 6538	6539 6540	Treated Paper	24	2.2	(0.056)	18 (315)) (350)	N/	A	400°F (204°C)				
Gray		1										'				
6503 6506 6509 6512	6518 6524 6536	Steel Gray Colored Paper	30	2.6	(0.066)	(0.066) 27 (473)		28 (490)		90) NA		NA		400°F (204°C)		
Gold		<u>'</u>				,										
6706 6712 6718	6732 6736 6738	Specially Coated Paper	27	2.0	(0.05)	17 (29	98) 22		22 (385)		(385)		A	225°F (107°C) Up to 30 min.		
Product/ Color	1	Paper/Film Structure	Gauge mils (mm)		Emboss Gauge mils (mm)		Machine Direction Tensile Strength lbs./in. width (N/100 mm)		Cross Direction Tensile Strength Ibs./in. width (N/100 mm)		Elongation at Break %	Temperature Range °F (°C)				
Large Ar	ea Masking l	Film and Bags	'		•		•					'				
6700 Pai Repair Ba		Low Density Polyethylene	1.0 (0.025)		_		3.0 (52)		3.0 (52)		400	Up to 210°F (100°C)				
6727 Filr	n	High Density Polyethylene	0.34 (0.009)		0.34 (0.009	9)	2.5 (44)		1.8 (32)		300	Up to 225°F (107°C)				
6728 Filr	n	High Density Polyethylene	0.34 (0.009)		0.34 (0.009	9)	2.5 (44)		1.8 (32)		300	Up to 225°F (107°C)				
6730 Pai Repair Ba		High Density Polyethylene	0.7 (0.018)		_		6.2 (108)		4.3 (75)		400	Up to 225°F (107°C)				
6742 Filr	n	High Density Polyethylene	0.34 (0.009)		0.34 (0.009	9)	2.5 (44)		1.8 (32)	300		Up to 225°F (107°C)				
7000 Filr	n/Tan	Textured Polypropylene	2.7 (0.07)		4.2 (0.11)		11 (190)		10.0 (175)		600	Up to 310°F (155°C)				
7260M C Paint Rep and Film		Soft Polypropylene	1.6 (0.048)		1.8 (0.046)		7.5 (131)		5.0 (88)		700	Up to 315°F (157°C)				
7300 Filr	n	Textured Soft Polypropylene	2.0 (0.05)		2.9 (0.07)		8.8 (154)		8.8 (154)		4.7 (82)		4.7 (82)		600	Up to 310°F (155°C)

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

3M™ Dispensers For Large Area Masking



Scotch® Cart
Masker 06781
Dispenses one apron
of any length up to
18 in. wide on each
of two levels.



3M[™] Overspray Protective Sheet Masker 06780

Portable masker designed to dispense 3M™ Overspray Protective Sheeting and 3M™ Paintable Plastic Sheeting. Allows for easy hand cutting of plastic sheeting.



Scotch® Slimline Apron Taper 06864 Dispenses three widths of masking paper up to 18 in. wide. Side hooks hold different tape widths for special needs.



Scotch® Apron Taper 18" 06865 Dispenses single aprons up to 18 in. wide.

3M Tape Dispenser replacement parts:

Dispenser Parts 241 Venture Drive Amery, WI 54001 Phone: 1-800-344-9883 Fax: 715-268-8153



Scotch® Apron Taper 36" 06866 Dispenses single aprons up to 36 in. wide.

Replacement blades:

Atscott Manufacturing Company, Inc. 1150 Holstein Drive N.E. Pine City, MN 55063 Phone: 320-629-2501, ext. 116 www.atscott.com

$3M^{\text{\tiny TM}}$ Masking – Specialized applications

Special performar			2214	200	203	2010	2090		2060	233	2308	225	226*	232 R	234 R	231 R	2364	2380 R	2693 R	2393 <i>R</i>	214 R	21 R
Color	Tan	R	R	R	R			R			R			K	K	K	K	K	K	K	K	K
	Black					R				R			R									
	Green								R													
	Silver											R										
	Blue						R															
Hold to and	Stainless steel	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	K
clean removal	Anodized aluminum																		R	R		K
rom specialty	Alodine aluminum													R	R				R			
surfaces	Phosphate primer															R	R	R		R		
	Chemlease primer																			R		
	Zinc primer															R	R	R		R		
	Nickel plating																			R		
	Brass																				R	
	Copper																				R	
	Silver/silver plate																				R	
	Polycarbonate plastic						R															
	EPDM rubber						R				R			R	R					R		1
	Most powder coated paints	R	R	R	R	R		R	R	R	R	R	R	R	R	R	R	R	R	R	R	K
Holding strength to	Low	R	R				R													R		K
common surfaces	Medium			R	R	R		R	R	R	R	R				R	R				R	
.e. steel, paints	High												R	R	R			R	R			
Paint line	Good	R	R	R	R	R															R	
	Better						R	R	R	R	R	R			R		R					K
	Best												R	R		R		R	R	R		
Sunlight/outdoor exposure	Up to 7 days on glass			ı			R	۰														
	Up to 3 days opaque surface			ı				۰	R		R			R	R	i			۰			
	Up to 30 days opaque surface							i				R		i								
	Up to 90 days opaque surface												R									
ncreasing temp performance 30 min. bake)	erature	up 15(to O°F °C)			20	o to 0°F 3°C)						up to 250°F (121°C				up 300 (149)°F	32	p to 25°F 63°C)	up 35 (17	o to 60°F 7°C

[&]quot; R" is recommended

 $^{^{\}star}$ Laminate of crepe paper/polyethylene

^{*}NOTE: The technical information and data provided above is a general guide only and should be considered representative or typical only and should not be used for specification purposes.



Environmental Highlights of 3M[™] Masking Tapes

Product Name	Environmental Claim/Attribute
3M™ Paper Masking Tape 200	Uses solvent free manufacturing process. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.
3M™ General Purpose Masking Tape 203	Uses solvent free manufacturing process. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.
Scotch® Paint Masking Tape 231/231A	Greater than 95% of the organic solvents used in manufacturing this product are recovered and used again. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.
3M™ Masking Tape 2307	Uses solvent free manufacturing process. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.
Scotch® Masking Tape 2308	Uses solvent free manufacturing process. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.
Scotch® General Purpose Masking Tape 234	Uses solvent free manufacturing process. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.

Product Name	Environmental Claim/Attribute
Scotch® Performance Masking Tape 232	Uses solvent free manufacturing process. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.
Scotch® Premium High Performance Masking Tape 2393	Greater than 95% of the organic solvents used in manufacturing this product are recovered and used again. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.
Scotch® Performance Masking Tape 2380	Greater than 95% of the organic solvents used in manufacturing this product are recovered and used again. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.
Scotch® Performance Masking Tape 2364	Greater than 95% of the organic solvents used in manufacturing this product are recovered and used again. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.
Scotch® High Performance Masking Tape 2693	Greater than 95% of the organic solvents used in manufacturing this product are recovered and used again. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.

