

**Industrial Adhesives and Tapes Division** 



# 3M solutions for increased productivity, efficiency and lightweighting.



#### Market overview

Thin Gauge Metals are defined as pure metals and alloys with various forms such as foil to sheeting with thickness between 0.005 to 0.8mm. For many applications, there are performance, weight and efficiency advantages to using precision thin gauge metals. 3M adhesives and tapes are easy-to-use and effective, providing quick bonding solutions that outperform many welding and mechanical fastener applications for Thin Gauge Metals.

3M also offers winning solutions for chemical processing, bundling and sealing.

Priority segments include:

- Metal fabricators
- Metal furniture
- HVAC
- Elevators
- Metal service centres
- Electroplating/anodising shops
- Window/door/architecture
- Electro chemical coating shops
- Speciality vehicle



Why choose a tape or adhesive?

Benefits of tape and adhesive bonding solutions

- ► Improves aesthetics
- Potential for light weighting
- ► Quick and easy application

## Benefits of a tape solution



- ► Immediate handling strength
- ▶ Bonds and seals
- Ideal for dynamic loads

## Benefits of an adhesive solution



- Replaces welds and mechanical fasteners
- ► High strength allows use of smaller bond areas
- ▶ Quick application time
- ► Initially repositionable
- ▶ Low or no VOC

# The Go To 3M Industrial Adhesives and Tapes for Thin Gauge Metals

Application Selection Guide. ....... Adhesives Tapes 3M<sup>™</sup> Scotch-Weld<sup>™</sup> Epoxy Adhesives Scotch® Clean Removal Strapping Tape Scotch® Filament Tape 880MSR.....5 3M™ Scotch-Weld™ Multi-Material Composite Urethane Adhesives DP6310NS......17 Scotch® Filament Tape 898MSR.....5 3M<sup>™</sup> Scotch-Weld<sup>™</sup> Metal Bonder Acrylic Scotch® Bi-Directional Filament Tape 8959 Adhesive DP8407NS ...... 18 3M<sup>™</sup> Scotch-Weld<sup>™</sup> Epoxy Adhesive 3M™ Industrial Protective Film 7070UV......6 3M™ Polyester Tape 8991 ......6 3M™ Scotch-Weld™ Low Odour Acrylic Adhesive DP8810NS ..... 3M™ Polyester Tape 8992 ......6 3M™ Polyurethane Adhesive Sealant 3M™ Electroplating Tape 470 ......6 3M™ Vinyl Tape 471.....7 3M™ Polyurethane Adhesive Sealant 560 ...... 19 3M™ Glass Cloth tape 361.....7 3M™ Polyurethane Glass Adhesive 3M™ Glass Cloth tape 363 ......8 Sealant 590 .... 3M<sup>™</sup> Foil Tapes 420 (without liner) 3M<sup>™</sup> Adhesive Sealant 740 UV...... 19 and 421 (with liner)......8 3M™ Adhesive Sealant 760 UV...... 20 3M<sup>™</sup> Foil Tapes 425 (without liner) and 427 (with liner)......9 3M™ Sprayable Hot Melt Adhesive 3M™ Double Coated Tape 9832.....9 3M™ Fastbond™ Insulation Adhesive 49 .... 21 3M™ General Purpose Masking Tape 201E 3M™ Fastbond™ Contact Adhesive 3M™ Performance Industrial Masking Tape 3M™ Fast Tack Water Based Adhesive 1000NF ...... 21 3M™ High Performance Industrial Masking Tape 401E ......11 3M<sup>™</sup> Super 77<sup>™</sup> Multipurpose Spray Adhesive......22 3M<sup>™</sup> Specialty High Temperature Industrial Masking Tape 501E......11 3M™ HoldFast 70 Spray Adhesive ......22 3M™ Vinyl Tape 471+ ......11 3M™ Polystyrene Insulation 78 Spray Adhesive ......22 3M<sup>™</sup> Adhesive Transfer Tape 467MP/468MP Cleaning and maintenance 3M<sup>™</sup> Adhesive Transfer Tape 950...... 12 3M<sup>™</sup> Adhesive Transfer Tape 9472LE ...... 13 3M™ Industrial Cleaner and Adhesive Remover ......23 3M™ Adhesive Transfer Tape 9485PC ...... 13 3M™ 5-Way Penetrant ...... 23 Scotch® ATG Adhesive Transfer Tape 926 Lables Scotch® ATG Adhesive Transfer Tape 969 3M™ Thermal Transfer Printable Label 3M™ Extreme Sealing Tape 4412N ...... 14 Material 92200 ..... 3M™ Dual Lock™ Reclosable Fastener SJ3550 3M™ Versatile Print Label Material 7871V 3M<sup>™</sup> VHB<sup>™</sup> Tape 4910F...... 14 3M™ Thermal Transfer Printable Label Material 7871EC ..... 3M™ VHB™ Tape 4941F ...... 15 3M™ Thermal Transfer Label Materials 3M™ VHB™ Tape GPH-110 ...... 15 3M™ Hight Temperature Label Material 3M<sup>™</sup> Safety Stripe Tape 5702 ......16 3M<sup>™</sup> Vinyl Tape 764/766/767 ......16

3M™ Vinyl Tape 971 ......16

## Choose a product for your application.

	Secure and protect	Chemical process and coating	Liquid paint masking	Panel-to-frame
	Scotch® Clean Removal Strapping Tape 8899HP Page 5	<b>3M™ Polyester</b> <b>Tape 8992</b> Page 6	3M™ Vinyl Tape 471+ Page 11	<b>3M™ VHB™ Tape</b> <b>4941F</b> Page 15
				807
Go to products	Scotch <sup>®</sup> Filament <b>Tape 898MSR</b> Page 5	3M <sup>™</sup> Electroplating Tape 470 Page 7	3M <sup>™</sup> High Performance Industrial Masking Tape 401E Page 11	3M <sup>™</sup> Scotch-Weld <sup>™</sup> Metal Bonder Acrylic Adhesive DP8407NS Page 17
Go to p	Scotch® Bi-Directional Filament Tape 8959			3M <sup>™</sup> Adhesive Sealants 560 Page 19
	Page 5  3M <sup>™</sup> Industrial Protective Film 7070UV Page 6			<b>760 UV</b> Page 20
	Scotch® Filament Tape 880MSR Page 5	<b>3M™ Lead Foil Tape 420/421</b> Page 8	3M <sup>™</sup> General Purpose Masking Tape 201E Page 10	<b>3M™ VHB™ Tape GPH-110</b> Page 15
its		<b>3M<sup>™</sup> Vinyl Tape 471</b> Page 7	3M <sup>™</sup> General Purpose Masking Tape 201E Page 10	3M™ Dual Lock™ Reclosable Fastener SJ3550 Page 14
e produc		3M <sup>™</sup> Glass Cloth Tape 361 Page 7  3M <sup>™</sup> Glass Cloth Tape 363 Page 8	3M <sup>™</sup> Specialty High Temperature Industrial Masking Tape 501E	3M <sup>™</sup> Scotch-Weld <sup>™</sup> Low Odour Acrylic Adhesive
Alternative products			Page 11	DP8810NS Page 18
A		3M <sup>™</sup> Foil Tapes 425 (without liner) and 427 (with liner) Page 9		3M <sup>™</sup> Scotch-Weld <sup>™</sup> Epoxy Adhesive <b>7240</b> Page 18
		<b>3M<sup>™</sup> Polyester Tape 8991</b> Page 6		



Stiffener-to-panel	Insulation	Decorative metal attachment	Sealing and gasketing	Others
	-			VIEW PORT WINDOWS
	145			<b>3M<sup>™</sup> VHB<sup>™</sup> Tape</b> <b>4941F</b> Page 15
3M™ VHB™ Tape 4941F Page 15  3M™ Scotch-Weld™ Metal Bonder Acrylic Adhesive DP8407NS Page 17  3M™ Scotch-Weld™ Epoxy Adhesive DP490 Page 17	3M™ Fastbond™ Insulation Adhesive 49 Page 21  3M™ Holdfast 70 Spray Adhesive Page 22  3M™ Sprayable Hot Melt Adhesive 6111 HT	3M™ VHB™ Tape 5952 Page 15  3M™ Adhesive Transfer Tape 950 Page 12  Scotch® ATG Adhesive Transfer Tape 926 Page 13	3M™ Double Coated Tape 9832 Page 9  3M™ Polyurethane Adhesive Sealant 540 Page 18  3M™ Extreme Sealing Tape 4412N Page 14	LABELS  3M™ Thermal Transfer Printable Label Material 92200 Page 24  3M™ Versatile Print Label Material 7871V Page 24  3M™ Thermal Transfer Label Materials 92062 Page 25  3M™ High Temperature Resistant Label Material 3922DSL Page 25
	Page 20  3M™ Fast Tack 1000NF Water-Based Adhesive	3M <sup>™</sup> Scotch-Weld <sup>™</sup> Epoxy Adhesive DP490 Page 17	3M <sup>™</sup> Adhesive Transfer Tape 9472LE Page 13	FLOOR MARKING  3M™ Safety Stripe Tape 5702 Page 16  3M™ Vinyl Tape 764/766/767 Page 16
3M™ VHB™ Tape GPH-110 Page 15  3M™ Scotch-Weld™ Multi-Material Composite Urethane Adhesives DP6310NS Page 17  3M™ Scotch-Weld™ Low Odour Acrylic Adhesive DP8810NS Page 18  3M™ Scotch-Weld™ Epoxy Adhesive 7240 Page 18	Page 21  3M™ Fastbond™  Contact Adhesive 30NF Page 21  3M™ Polystyrene Insulation 78 Spray Adhesive Page 22  3M™ Super 77™ Multipurpose Spray Adhesive Page 22	3M™ VHB™ Tape 4910 Page 14  3M™ VHB™ Tape GPH-110 Page 15  3M™ Adhesive Transfer Tape 467MP/468MP Page 12  3M™ Adhesive Transfer Tape 9485PC Page 13  Scotch® ATG Adhesive Transfer Tape 969 Page 14	3M <sup>™</sup> VHB <sup>™</sup> Tape 5952 Page 15	3M™ VHB™ Tape 5952 Page 15  3M™ VHB™ Tape GPH-110 Page 15  3M™ Polyurethane Glass Adhesive Sealant 590 Page 19  3M™ Adhesive Sealant 760 UV Page 20  3M™ Vinyl Tape 971 Page 16

#### Tapes

#### Scotch® Clean Removal Strapping Tape 8899HP



- ► Thickness: 0.122mm
- ► Easy to apply and to remove; 100% clean removal with no adhesive residue
- ► Resists stains on common surfaces
- Resists breaking, abrasion, moisture and scuffs
- Easy to dispense with a Scotch® Box Sealing Tape Dispenser H128 or a Scotch® Filament Tape Hand Dispenser H10

ЗМ ID	Size	Colour	Case qty.
7100115058	18mm x 55m	Blue	48
7100115107	24mm x 55m	Blue	36
7100115108	36mm x 55m	Blue	24
7100115109	48mm x 55m	Blue	24
7100116499	18mm x 55m	White	48
7100116500	24mm x 55m	White	36
7100117333	36mm x 55m	White	24
7100117334	48mm x 55m	White	24

#### Scotch® Filament Tape 880MSR



- ► Thickness: 0.17mm
- ► Good holding power under wide range of application conditions
- ► Cut and impact resistant
- MSR adhesive provides strong adhesion to oily metals and surfaces

3M ID	Size	Colour	Case qty.
7000095838	15mm x 50m	Clear	60
7000095835	25mm x 50m	Clear	36
7000095836	50mm x 50m	Clear	18
7000095840	75mm x 50m	Clear	12
7000095837	100mm x 50m	Clear	12

#### Scotch® Filament Tape 898MSR



- ► Thickness: 0.182mm
- Excellent abrasion, moisture and cut resistance
- High bond strength with oily metal adhesion
- ► Excellent aging

3M ID	Size	Colour	Case qty.
7000095847	19mm x 50m	Clear	48
7000095848	25mm x 50m	Clear	36
7000095845	50mm x 50m	Clear	19

#### Scotch® Bi-Directional Filament Tape 8959



- ► Thickness: 0.13mm
- Good adhesion to metallic, plastic, and fibreboard surfaces
- Allows printing and illustrations to be seen through the tape
- ► Excellent aging

3M ID	Size	Colour	Case qty.
7000095268	19mm x 50m	Transparent	48
7000095261	25mm x 50m	Transparent	36
7000095309	38mm x 50m	Transparent	24
7000095322	75mm x 50m	Transparent	12
7000095244	50mm x 50m	Transparent	18
7000008397	1380mm x 45m	Transparent	12



#### 3M™ Industrial Protective Film 7070UV



- ► Thickness: 0.20mm
- Backing resists punctures and tearing
- ► Paper liner for ease of die cutting specific shapes
- ► Easily applied with simple tools in a minimal amount of time
- ► Clear; will not obscure surfaces

3M ID	Size	Colour	Case qty.
7100089302	1220mm x 33m	Clear	1

#### 3M<sup>™</sup> Polyester Tape 8991



- ► Thickness: 0.061mm (without liner)
- ➤ Silicone adhesive adheres well to tough-to-stick-to surfaces
- ► Excellent thermal, abrasion, and chemical resistance
- ► Clean removal from surfaces

3M ID	Size	Colour	Case qty.		
Without liner					
7000049778	25mm x 66m	Blue	36		
7000049779	50mm x 66m	Blue	24		
7000049780	1280mm x 66m	Blue	1		
With liner					
7100014530	1280mm x 66m	Blue	1		

#### 3M™ Polyester Tape 8992



- ► Thickness: 0.08mm (without liner)
- Silicone adhesive adheres well to tough-to-stick-to surfaces
- ► Excellent thermal, abrasion, and chemical resistance
- ► Clean removal from surfaces

3M ID	Size	Colour	Case qty.	
Without liner				
7000049775	19mm x 66m	Green	48	
7000049776	25mm x 66m	Green	36	
7000049777	50mm x 66m	Green	24	
7000042808	1280mm x 66m	Green	1	
With liner				
7000042809	1280mm x 66m	Green	1	
	·	•	· ·	

#### **3M™** Electroplating Tape 470



- ► Thickness: 0.180mm
- ► Abrasion-resistant vinyl tape with resistance to most chemicals
- ► Resists most common solvents

3M ID	Size	Colour	Case qty.
7000048558	19mm x 33m	Tan	48
7000001178	25mm x 33m	Tan	36
7000048579	38mm x 33m	Tan	24
7000028889	50mm x 33m	Tan	24

#### Tapes

#### 3M<sup>™</sup> Vinyl Tape 471



- ► Thickness: 0.130mm
- Colour embedded into the vinyl backing to resist abrasion, scuffing and moisture
- ► Go down quickly and come up easily without solvent and scraping
- Makes both straight and curved lines simple to mark
- Ideal for masking, durable floor marking
- Can be applied by hand or with a floor applicator

Size	Colour	Case qty.			
Bulk					
25mm x 33m	Black	36			
25mm x 33m	Red	36			
25mm x 33m	Blue	36			
25mm x 33m	Yellow	36			
25mm x 33m	White	36			
25mm x 33m	Green	36			
50mm x 33m	Red	24			
50mm x 33m	Green	24			
50mm x 33m	Black	24			
50mm x 33m	Blue	24			
50mm x 33m	Yellow	24			
50mm x 33m	White	24			
1238mm x 33m	Red	1			
1238mm x 33m	Black	1			
1238mm x 33m	White	1			
1238mm x 33m	Green	1			
1238mm x 33m	Blue	1			
1238mm x 33m	Yellow	1			
	25mm x 33m 50mm x 33m 50mm x 33m 50mm x 33m 50mm x 33m 1238mm x 33m 1238mm x 33m 1238mm x 33m 1238mm x 33m	25mm x 33m			

#### 3M™ Glass Cloth Tape 361



- ► Thickness: 0.160mm
- ► High temperature resistance
- ► Very high tensile strength
- ▶ Protects surfaces against abrasion
- Protect against high temperature to pass FAA flame resistance regulations
- ► Meets F.A.R. 25.853 specification

3M ID	Size	Colour	Case qty.
7000049141	12mm x 55m	White	72
7000050070	19mm x 55m	White	12
7000047441	19mm x 55m	White	48
7000050071	25mm x 55m	White	9
7000047442	25mm x 55m	White	36
7000035829	50mm x 55m	White	24
7000029149	610mm x 55m	White	1



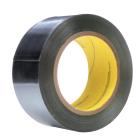
#### 3M™ Glass Cloth Tape 363



- ► Thickness: 0.190mm
- ► High tensile strength
- Glass Cloth Foil backing allows for temperatures up to 600F (316C)
- ► Easily conforms to curved or irregular surfaces
- ► Thermally conductive and reflective backing assists with heat shielding
- ► Silicone adhesive adheres well to tough-to-stick-to surfaces

3M ID	Size	Colour	Case qty.
7000048939	12mm x 33m	Silver	72
7000048751	19mm x 33m	Silver	48
7000001165	25mm x 33m	Silver	36
7000028867	50mm x 33m	Silver	24

#### 3M™ Foil Tapes 420 (without liner) and 421 (with liner)



- ► Thickness: 0.190mm (without liner) Thickness: 0.26mm (with liner)
- Can be shaped into complex or detailed patterns or die-cut into specific shapes
- Resists flame, moisture, weather, UV degradation, and many chemicals
- ► Ideal for electroplating
- Go down quickly and come up easily without solvent and scraping

3M ID	Size	Colour	Case qty.
Without liner			
7000049135	6mm x 33m	Silver	36
7000049131	9mm x 33m	Silver	24
7000049101	12mm x 33m	Silver	18
7000029006	19mm x 33m	Silver	12
7000001314	25mm x 33m	Silver	9
7000049063	38mm x 33m	Silver	6
7000001315	50mm x 33m	Silver	6
7000049114	100mm x 33m	Silver	3
7000049133	584mm x 33m	Silver	1
With liner			
7000049078	12mm x 33m	Silver	18
7000049079	19mm x 33m	Silver	12
7000049064	25mm x 33m	Silver	9
7000049080	50mm x 33m	Silver	6

#### Tapes

#### 3M™ Foil Tapes 425 (without liner) and 427 (with liner)



- ► Thickness: 0.12mm (without liner) Thickness: 0.20mm (with liner)
- Resistant to chemicals to protect surfaces during de-paint process and other chemical masking operations
- Seal and protect against moisture, solvents and dust
- High heat reflectivity and flame resistance

3M ID	Size	Colour	Case qty.		
Without liner	Without liner				
7100053745	12mm x 55m	Silver	36		
7100053636	19mm x 55m	Silver	24		
7100059421	25mm x 55m	Silver	18		
7100053595	38mm x 55m	Silver	12		
7100053813	50mm x 55m	Silver	9		
7100053597	75mm x 55m	Silver	6		
7100053598	100mm x 55m	Silver	6		
7100053924	150mm x 55m	Silver	3		
7100053638	1000mm x 55m	Silver	1		
Die cut with liner					
7100053632	25mm x 55m	Silver	18		
7100053923	38mm x 55m	Silver	12		
7100053740	50mm x 55m	Silver	9		
7100055597	610mm x 55m	Silver	6		

#### 3M<sup>™</sup> Double Coated Tape 9832



- ► For high adhesion to plastics and foam
- A film carrier, which can add dimensional stability to foams and other substrates
- Provides easier handling during slitting and die cutting
- ▶ 0.12 mm

3M ID	Size	BuOM	Case qty.
7100110439	CONFIG ROLL	ROL	1
7100133289	1020mm x 55m	ROL	1



#### 3M™ General Purpose Masking Tape 201E



- Premium-quality masking tape used for short-term paint masking, fixing, bundling, holding, sealing, and other applications up to a temperature of 80°C for one hour
- ► Good instant adhesion and holding power that resists lifting or curling
- Reduces paint build-up and provides good paint lines
- ► Helps resist paint bleed through
- Good solvent and moisture resistance

3M ID	Size	Colour	Case qty.
7100196060	18mm x 50m	Beige	48
7100195952	24mm x 50m	Beige	36
7100196064	30mm x 50m	Beige	32
7100196061	36mm x 50m	Beige	24
7100195888	48mm x 50m	Beige	24
7100044328	72mm x 50m	Beige	16
7100092814	100mm x 50m	Beige	12
7100053515	1610mm x 50m	Beige	3
Bar Code Single Roll Label			
7100087098	18mm x 50m	Beige	48

24mm x 50m

30mm x 50m

36mm x 50m

Beige

Beige

Beige

36

32

24

7100087091

7100087096

7100087099

#### 3M™ Performance Industrial Masking Tape 301E



- Designed for industrial paint masking applications. Its temperature performance allows air-drying and oven-curing of paint up to a maximum of 100°C for 1 hour
- Good holding power that resists lifting or curling
- Good solvent and moisture resistance
- Crepe paper backing for conformability that will maintain integrity when formed around corners

3M ID	Size	Colour	Case qty.
7100042898	18mm x 50m	Beige	48
7100042901	24mm x 50m	Beige	36
7100042902	36mm x 50m	Beige	24
7100042903	48mm x 50m	Beige	20
7100044391	72mm x 50m	Beige	12
7100042956	1526mm x 50m	Beige	9

#### Tapes

#### 3M™ High Performance Industrial Masking Tape 401E



- Provides outstanding quality in all paint applications in the automotive industry and in the industrial market for air-drying and oven-curing of paint up to a maximum of 140°C for 1 hour
- Suitable for all oven-drying systems, infrared, or heat lamps
- Excellent holding power that resists lifting or curling
- Good solvent and moisture resistance
- Crepe paper backing for conformability that will maintain integrity when formed around corners

3M ID	Size	Colour	Case qty.
7100042899	18mm x 50m	Tan	48
7100042900	24mm x 50m	Tan	36
7100042904	36mm x 50m	Tan	24
7100042954	48mm x 50m	Tan	20
7100044392	72mm x 50m	Tan	12
7100042957	1526mm x 50m	Tan	9

## 3M<sup>™</sup> Speciality High Temperature Industrial Masking Tape 501E



- Designed for critical paint masking applications in the automotive, speciality vehicle, and industrial markets where excellent holding and high-temperature performance are required.
- Can withstand medium temperature bake ovens up to 160°C/1h
- Suitable for UV-curing and bake cycles, oven-drying systems, IR or heat lamps
- Crepe paper backing for conformability that will maintain integrity when formed around corners
- Excellent holding power that resists lifting or curling

3M ID	Size	Colour	Case qty.
7100042890	18mm x 50m	Beige	48
7100042893	24mm x 50m	Beige	36
7100042894	36mm x 50m	Beige	24
7100042895	48mm x 50m	Beige	20
7100042982	72mm x 50m	Beige	12
7100098737	100mm x 50m	Beige	8
7100042958	1526mm x 50m	Beige	9

#### 3M™ Vinyl Tape 471+



- ► Thickness: 0.130mm
- Sharp, fine paint lines for striping, colour separation and complex designs
- Semi-translucent coloured backing for accurate alignment of tape
- Clean removal without ghosting, even after bake cycle
- ► Conforms to uneven surfaces

3M ID	Size	Colour	Case qty.
7100055258	3mm x 33m	Blue	144
7100055835	6mm x 33m	Blue	144
7100057037	9mm x 33m	Blue	96
7100056217	12mm x 33m	Blue	72
7100055259	19mm x 33m	Blue	48



#### 3M™ Adhesive Transfer Tape 467MP/468MP



- ► Excellent shear strength to resist slippage and edge lifting
- Very high solvent and humidity/ moisture resistance
- Outstanding adhesion to metal and high surface energy plastics
- Temporarily repositionable adhesive improves placement accuracy, reducing rework

3M ID	Size	BuOM	Case qty.	
467MP – 0.05mm				
7100104803	CONFIG ROLL	ROL	1	
7100021283	610mm x 55m	ROL	1	
7100024647	1220mm x 55m	ROL	1	
7100023282	610mm x 165m	ROL	1	
7100021286	1220mm x 110m	ROL	1	
468MP - 0.127m	ım			
7100104804	CONFIG ROLL	ROL	1	
7100021280	610mm x 55m	ROL	1	
7100021282	1220mm x 110m	ROL	1	
7100021262	330mm x 55m	ROL	1	
7100021264	508mm x 55m	ROL	1	
7100021285	1220mm x 55m	ROL	1	
7100026753	330mm x 165m	ROL	1	
7100025495	500mm x 165m	ROL	1	

#### **3M™ Adhesive Transfer Tape 950**



- ► Good UV resistance
- ► Good chemical resistance
- Ideal for high surface energy (HSE) and low surface energy (LSE) materials
- Aggressive adhesive with high initial adhesion
- ► 0.127mm

3M ID	Size	BuOM	Case qty.
7000116554	12mm x 10m	ROL	4
7000116560	9mm x 55m	ROL	96
7000116655	12mm x 55m	ROL	18
7000116555	19mm x 55m	ROL	48
7000116657	19mm x 55m	ROL	12
7000116559	25mm x 55m	ROL	36
7000116656	25mm x 55m	ROL	9

#### Tapes

#### 3M™ Adhesive Transfer Tape 9472LE



- Excellent bond to low surface energy substrates including powder coatings and plastics such as polypropylene
- High adhesion to metals and high surface energy materials, making it suitable for bonding dissimilar substrates
- Adhesive provides excellent holding power and anti-lifting properties
- Good resistance to industrial chemicals, consumer chemicals, moisture and humidity
- ▶ 0.132mm

3M ID	Size	BuOM	Case qty.
7100104796	CONFIG ROLL	ROL	1
7100089548	686mm x 55m	ROL	1
7100089550	1220mm x 55m	ROL	1
7100089553	500mm x 165m	ROL	1
7100089551	685mm x 165m	ROL	1

#### 3M™ Adhesive Transfer Tape 9485PC



- Bonds high and low surface energy materials and powder coated paints
- ► Excellent chemical resistance and shear and peel strength even at elevated temperatures
- Low odour for working environment
- ► Paper liner provides moisture resistance and minimises wrinkles
- ▶ 0.127mm

3M ID	Size	BuOM	Case qty.
7100104801	CONFIG ROLL	ROL	1
7000115673	19mm x 55m	ROL	12
7000115640	508mm x 55m	ROL	1
7000115525	610mm x 55m	ROL	1
7000115646	1000mm x 55m	ROL	1
7000042346	1200mm x 55m	ROL	1
7000115669	1200mm x 165m	ROL	1
7000115680	1200mm x 250m	ROL	1

#### Scotch® ATG Adhesive Transfer Tape 926



- ► A high tack adhesive transfer tape
- Leaves no mess, no residue and no odour
- Ideal for extreme conditions requiring high bond strength, high shear strength and high temperature performance
- Quick, controlled application with Scotch® ATG Adhesive Applicator 700
- ▶ 0.127mm

3M ID	Size	BuOM	Case qty.
7000116661	6mm x 33m	ROL	48
7000116644	12mm x 33m	ROL	72
7000116645	19mm x 33m	ROL	48



#### Scotch® ATG Adhesive Transfer Tape 969



- ► A high tack adhesive transfer tape
- ► Holds well to glossy surfaces
- Conforms easily to curves and contours
- ► Leaves no mess, no residue and no odour
- Quick, controlled application with Scotch® ATG Adhesive Applicator 700
- ▶ 0.127mm

3M ID	Size	BuOM	Case qty.
7000116611	6mm x 16.5m	ROL	48
7000116652	12mm x 16.5m	ROL	72
7000116660	6mm x 33m	ROL	48
7000116653	19mm x 16.5m	ROL	48
7000116642	12mm x 33m	ROL	72
7000116643	19mm x 33m	ROL	48

#### 3M™ Extreme Sealing Tape 4412N



- Sticks on contact to metals, plastics and other hard-to-stick-to surfaces
- ► Abrasion resistant, instantly paintable
- Excellent sealing qualities and good outdoor durability
- ▶ 2.0 mm thick tape

3M ID	Size	Colour	Case qty.
7000021302	50mm x 33m	Neutral/ translucent	6 Rolls

#### 3M™ Dual Lock™ Reclosable Fastener SJ3550



- Reclosable fastener with a strong reliable attachment
- Speciality applications where unique attachment methods are necessary
- ► Easy to apply
- ► Type 250
- ▶ 226 mil (engaged thickness)

3M ID	Size	Colour	Case qty.
7100108750	50mm x 45.7m		1 Roll
7100108747	25mm x 45.7m	Black	2 Rolls

#### 3M<sup>™</sup> VHB<sup>™</sup> Tape 4910F



- ► Fast and easy-to-use permanent bonding
- Clear construction allowing joining of transparent material and virtually invisible bondline
- Can replace mechanical fasteners (rivets, welding, screws) or liquid adhesives
- Creates a permanent seal against water and moisture
- ▶ 1.0 mm

3M ID	Size	Colour	Case qty.
7100071754	1210mm x 33m		1 Roll
7000072289	9mm x 33m		8 Rolls
7000033116	12mm x 33m	Clear	6 Rolls
7000033117	19mm x 33m		4 Rolls
7100032063	25mm x 33m		3 Rolls

#### Tapes

#### 3M<sup>™</sup> VHB<sup>™</sup> Tape 4941F



- ► Fast and easy-to-use permanent bonding
- Excellent combination of strength, conformability and adhesion to high and medium surface energy materials
- Can replace mechanical fasteners (rivets, welding, screws) or liquid adhesives
- Creates a permanent seal against water and moisture
- UL GREENGUARD and UL GREENGUARD Gold Certified, contributing to LEED® Credit
- ► 1.1 mm

3M ID	Size	Colour	Case qty.
7000033132	1200mm x 33m	Grey	1 Roll
7000072408	12mm x 33m		6 Rolls
7000072410	19mm x 33m		4 Rolls
7000072411	25mm x 33m		3 Rolls

#### **3M™ VHB™ Tape 5952**



- Fast and easy-to-use permanent bonding
- Good adhesion to many painted surfaces, including powder coated paint
- Can replace mechanical fasteners (rivets, welding, screws) or liquid adhesives
- Creates a permanent seal against water and moisture
- ► 1.1 mm

3M ID	Size	Colour	Case qty.
7000033157	1210mm x 33m	Black	1 Roll
7100015283	12mm x 33m		6 Rolls
7000072934	19mm x 33m		4 Rolls
7100019239	25mm x 33m		3 Rolls

#### 3M™ VHB™ Tape GPH-110

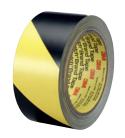


- ► Fast and easy-to-use permanent bonding
- Superior high-temperature resistance of 450°F for bonding prior to powder coat or liquid paint processes
- Can replace mechanical fasteners (rivets, welding, screws) or liquid adhesives
- Virtually invisible fastening helps keep surfaces smooth
- Creates a permanent seal against water and moisture
- ► 1.1 mm

3M ID	Size	Colour	Case qty.
7100098997	1080mm x 33m	Grey	1 Roll
7100099836	12mm x 33m		18 Rolls
7100099833	19mm x 33m		14 Rolls
7100099834	25mm x 33m		7 Rolls



#### **3M<sup>™</sup> Safety Stripe Tape 5702**



- ► Thickness: 0.14mm
- Colour embedded into the vinyl backing to resist abrasion, scuffing and moisture
- Go down quickly and come up easily without solvent and scraping
- Makes both straight and curved lines simple to mark
- Ideal for masking, durable marking of safety hazards on walls, stairs and pipes
- Can be applied by hand or with a floor applicator

3M ID	Size	Colour	Case qty.
7000017005	50mm x 33m	Yellow/Black	24
7000048386	75mm x 33m	Yellow/Black	12
7000048387	100mm x 33m	Yellow/Black	8

#### 3M™ Vinyl Tape 764/766/767



- ► Thickness: 0.125mm
- Maintains vivid colour even when exposed to abrasion and solvents
- Makes both straight and curved lines simple to mark
- Rubber adhesive provides good instant adhesion on many surfaces
- Can be applied by hand or with a floor applicator
- Ideal for marking applications in light traffic areas

3M ID	Size	Colour	Case qty.
7000062452	50mm x 33m	White	12
7000048918	50mm x 33m	Grey	12
7000048923	50mm x 33m	Orange	12
7000048921	50mm x 33m	Blue	12
7000048914	50mm x 33m	Transparent	12
7000048917	50mm x 33m	Black	12
7000048924	50mm x 33m	Red	12
7000144706	50mm x 33m	Yellow	12
7000144707	50mm x 33m	White	12
7000144708	50mm x 33m	Green	12
7000048916	50mm x 33m	Brown	12
7100015266	50mm x 33m	Red/White	24
7100015263	50mm x 33m	Yellow/Black	24

#### 3M<sup>™</sup> Vinyl Tape 971



- ► Thickness: 0.85mm
- Provides an end-user a reliable floor marking solution with superior durability, avoiding frequent tape and/or paint replacement in high traffic areas
- ► Go down quickly and come up easily without solvent and scraping

3M ID	Size	Colour	Case qty.
7100166473	50mm x 33m	Orange	1
7100167106	50mm x 33m	Green	1
7010300943	50mm x 33m	Yellow	1
7010337213	50mm x 33m	Red	1
7010337214	50mm x 33m	White	1
7010379512	50mm x 33m	Blue	1

#### Adhesives

#### 3M™ Scotch-Weld™ Epoxy Adhesive DP490



- ➤ 3M™ DP490 has a thixotropic formulation, and its non-sag properties enable easy application to vertical surfaces
- ► Scotch-Weld™ DP490 Adhesive has outstanding environmental resistance, outstanding stability under static and dynamic loads, and outstanding resistance to impact and heat (120°C)
- Bonds difficult surfaces such as powder coats
- ► High peel and shear strength for strong bonds in critical applications

3M ID	Description/Size		Case qty.
7100200499	■ Black, 50ml Due-Pak	<b>A</b>	12
7100200501	■ Black, 400ml Due-Pak		6
7000079900	■ Black, 54 litre kit Part A + B		1
7100199149	■ Black, 160 litre drum, Part A		
7100199097	■ Black, 160 litre drum, Part B		1

## 3M™ Scotch-Weld™ Multi-Material Composite Urethane Adhesives DP6310NS



- Bonding plastics, metals and wood
- Can replace rivets and screws in attaching composites to other substrates
- Convenient hand-held applicator

ЗМ ID	Description/Size		Case qty.
7100109829	■ Green, 48.5ml Duo-Pak	<b>A</b>	12
7100109830	■ Green, 400ml Duo-Pak		6
7100143960	■ Green, 5 gal pail, Part A	8	
7100143915	■ Green, 5 gal pail, Part B		I
7010415316	■ Green, 50 gal drum, Part A		
7010412199	■ Green, 50 gal drum, Part B		I

#### 3M<sup>™</sup> Scotch-Weld<sup>™</sup> Metal Bonder Acrylic Adhesive DP8407NS



- Two part acrylic adhesive bonds to a variety of substrates (especially bare metals) while resisting corrosion
- Ideal for industrial applications with minimal surface preparation, such as slightly oily metal bonding
- Withstands powder coat and paint bake cycles up to 204°C for at least one hour
- Offers high shear, peel and impact strength for a tough and durable bond

3M ID	Description/Size		Case qty.
7100179482	■ Grey, 45ml	å	12
7100179480	■ Grey, 490 ml		6
7100179264	■ Grey, 1 gal pail, Part A		1
7100105384	■ Grey, 5 gal pail, Part B		
7100179442	■ Grey, 5 gal pail, Part A		1
7100104987	■ Grey, 55 gal drum, Part B		1



## Adhesives

#### 3M<sup>™</sup> Scotch-Weld<sup>™</sup> Epoxy Adhesive 7240



- Get an adhesive designed to bond metal to metal
- Meet self-extinguishing requirement of FAR25
- ► Choose a highly durable adhesive with high shear and peel adhesion

ЗМ ID	Description/Size		Case qty.
7100042087	■ Black, 400 ml Due-Pak	Î	6
7100042123	■ Black, 54 litre kit Part A + B		1

#### 3M<sup>™</sup> Scotch-Weld<sup>™</sup> Low Odour Acrylic Adhesive DP8810NS



- Two part acrylic adhesive bonds difficult surfaces such as powder coats and most plastics
- Low odour and non-flammable properties for a safer working environment compared to typical acrylic adhesives
- ► Durable bond with excellent shear, peel and high impact strength

ЗМ ID	Description/Size		Case qty.
7100097574	■ Green, 45ml	<b>A</b>	12
7100075409	Green, 490 ml		6
7100102180	Green, 1 gal pail, Part A		1
7100097704	■ Green, 5 gal pail, Part B		'
7100101506	■ Green, 5 gal pail, Part A		1
7100097626	■ Green, 55 gal drum, Part B		1

#### 3M™ Polyurethane Adhesive Sealant 540



- Multi-purpose bonding and long lasting seals
- Permanently elastic to allow joint movement
- ► Paintable, once skin forms
- ► Good UV resistance
- ► Bonds dissimilar materials
- ► Gap filling capability
- ► Single component, moisture curing

3M ID	Description/Size		Case qty.
7000070288	■ Black, 310ml cartridge		
7000070298	■ Grey, 310ml cartridge		12
7100204386	☐ White, 310ml cartridge		
7000077267	■ Black, 400ml sausage pack	_	12
7000077268	☐ White, 400ml sausage pack		12
7000070299	■ Black, 600ml sausage pack		
7000070301	■ Grey, 600ml sausage pack		12
7000077193	☐ White, 600ml sausage pack	•	
7000077399	■ Grey, 31kg pail		1

## Adhesives

#### 3M™ Polyurethane Adhesive Sealant 560



- ► High strength bonding to replace mechanical fasteners and rivets
- ► Bonds to plastics, metals, fibreglass, and wood surfaces
- A one component, moisture curing product which forms permanent elastic bonds
- ► Paintable, once skin forms
- ► Good UV resistance
- ► Bonds dissimilar materials
- ► Gap filling capability
- ► Single component, moisture curing

3M ID	Description/Size		Case qty.
7000070289	■ Black, 310ml cartridge		
7000061750	■ Grey, 310ml cartridge	9	12
7000061749	☐ White, 310ml cartridge		
7000061751	■ Black, 600ml sausage pack		
7000061752	■ Grey, 600ml sausage pack		12
7000077229	☐ White, 600ml sausage pack	Ų	
7000077274	■ Black, 25kg pail		
7000077230	■ Grey, 22 litre pail		1
7000077225	☐ White, 22 litre pail		

#### 3M™ Polyurethane Glass Adhesive Sealant 590



- High viscosity polyurethane sealant for bonding windshields and other substrates requiring high strength
- ► Crash tested meeting FMVSS 212
- 3 hour drive-away time, 30 minute skin time

ЗМ ID	Description/Size		Case qty.
7000061753	■ Black, 310ml cartridge	()	12
7000077228	■ Black, 600 ml sausage pack		12

#### 3M™ Adhesive Sealant 740 UV



- Forms permanent elastic bonds to allow joint movement
- Bonds to plastics, metals, fibreglass, and wood
- ► Gap filling capabilities
- ► Excellent UV resistance
- ► 10-30 minute skin time, paintable immediately
- ► Low VOC

3M ID	Description/Size		Case qty.
7100075873	■ Black, 290ml cartridge		40
7100078074	☐ White, 290ml cartridge		12
7100075868	■ Black, 600ml sausage pack	<u> </u>	
7100077103	Grey, 600ml sausage pack	ļ	12
7100077297	☐ White, 600ml sausage pack		



## Adhesives

#### 3M<sup>™</sup> Adhesive Sealant 760 UV



- ► Forms permanent elastic bonds to allow joint movement
- Bonds to plastics, metals, fibreglass, and wood
- ► Gap filling capabilities
- ► Excellent UV resistance
- ► 10-30 minute skin time, paintable immediately
- ► Low VOC

3M ID	Description/Size		Case qty.
7100062075	■ Black, 290ml cartridge		
7100062076	■ Grey, 290ml cartridge		12
7100062077	☐ White, 290ml cartridge		
7000061767	■ Black, 600ml sausage pack		
7000061768	Grey, 600ml sausage pack		12
7000061766	☐ White, 600ml sausage pack	Ţ	
7100077060	■ Black, 5 gallon drum		1
7100050336	☐ White, 31kg pail		1

#### 3M<sup>™</sup> Sprayable Hot Melt Adhesive 6111 HT



- Sprayable, 100% solids without volatiles
- Offers excellent adhesion to PP and other low surface energy (LSE) plastics
- Extended open time allows for large surface assembly
- ► Features high temperature resistance
- Bonds wide variety of substrates, including most foams, plastics, particle board, light gauge metals

3M ID	Description/Size	Case qty.
7100023018	■ Tan, 10 kg per box	
7100069028	■ Blue, 10 kg per box	I

#### Adhesives

#### 3M™ Fastbond™ Insulation Adhesive 49



- ▶ Bonding plastics, metals and wood
- Can replace rivets and screws in attaching composites to other substrates
- Convenient hand-held applicator
- Milky White (wet), Clear (dry)
- ► UL GREENGUARD Certified, contributing to LEED® Credit

ЗМ ID	Description/Size		Case qty.
7000079968	☐ Clear, 2 Litre bottle		3
7000079967	□ Clear, 20 Litre pail	•	1

#### 3M™ Fastbond™ Contact Adhesive 30NF



- ► Non-flammable in the wet state
- ► Post-formable and heat resistant
- Bonds most foamed plastics, plastic laminate, wood, plywood, and canvas to themselves and to each other
- ► UL GREENGUARD Certified, contributing to LEED® Credit
- Creates a very high strength, high temperature resistant bond with up to a four hour bonding range
- Adhesive can be applied by spray, brush or roller

ЗМ ID	Description/Size	Case qty.	
7000080239	□ Neutral, 1 Litre can		6
7100015462	■ Blue, 1 Litre can		
7000080242	☐ Neutral, 5 Litre can		0
7000080243	■ Blue, 5 Litre can		2
7000080245	☐ Neutral, 20 Litre pail		1
7000080244	■ Blue, 20 Litre pail		
7000080246	☐ Neutral, 200 Litre drum		
7000080247	■ Blue, 200 Litre drum		

#### 3M™ Fast Tack 1000NF Water-Based Adhesive



- Fast bonding. Depending on substrates, handling strength bonds can be made without complete drying
- Repositionable while adhesive is wet and aggressively tacky
- ► Long term stable bonds
- Good heat resistance
- Bonds most foamed plastics, plastic laminates, wood, plywood and canvas to themselves and to each other
- Performs best when at least one substrate is porous
- ► Non-flammable in the wet state
- Acrylic based. Contains no polychloroprene. Contains no natural rubber latex
- ► GREENGUARD certified

3M ID	Description/Size				
7100011610	☐ Clear, 1 gallon bottle		4		
7100007793	■ Purple, 1 gallon bottle	ele, 1 gallon bottle			
7100025154	☐ Clear, 5 gallon pail		4		
7000046563	Purple, 5 gallon pail		1		
7100169834	☐ Neutral, 55 Gallon, open head metal drum		4		
7000046564	Purple, 55 Gallon closed head poly drum		1		



Adhesives				
M™ Super 77™ N	Multipurpose Spray Adhesive	3M ID	Description/Size	Case qty.
	<ul> <li>Versatile adhesive that bonds a wide range of lightweight materials</li> <li>Provides professional, industrial</li> </ul>	7000116782	☐ Clear, 500ml can	12
Industrial SM T7	<ul> <li>strength for demanding applications</li> <li>Offers a fast, aggressive tack for a quick bond that reduces set time</li> </ul>	7100138125	☐ Clear, cylinder	1
	<ul> <li>Bonds paper, cardboard, fabric, insulation, plastic, metal, wood and more</li> </ul>			
Money	► Allows for a bond time of 15 seconds to 15 minutes	7000116822	☐ Clear, 20 Litres drum	
	<ul> <li>Repositionable while providing long-lasting strength</li> </ul>			
M <sup>™</sup> HoldFast 70	) Spray Adhesive	3M ID	Description/Size	Cas qty.
\I/	<ul> <li>Creates quick bonds for temporary and permanent needs</li> </ul>			
The state of the s	<ul> <li>Very fast-tacking adhesive bonds almost immediately and has a long bonding range</li> </ul>	7100138478	☐ Clear, Cylinder	1
	<ul> <li>Portable container provides         <ul> <li>a spray pattern with low soak-in</li> <li>and no overspray</li> </ul> </li> </ul>			
M™ Polystyrene	Insulation 78 Spray Adhesive	3M ID	Description/Size	Case qty.
0=/	<ul> <li>Designed specifically for bonding expanding polystyrene foams (EPS)</li> </ul>			
	<ul> <li>Forms a bond stronger than the polystyrene foam</li> </ul>			
	<ul> <li>Will not dissolve or degrade polystyrene</li> </ul>			<u>.</u>
TOTAL STATE OF THE PARTY OF THE	<ul> <li>Sprays with a lace pattern optimised for foam bonding</li> </ul>	7100138817	☐ Clear, Cylinder	
	<ul> <li>Provides professional, industrial strength adhesive for demanding applications</li> </ul>			
	<ul> <li>Allows for a bond time of one to 30 minutes</li> </ul>			

3M <sup>™</sup> Industrial (	3M <sup>™</sup> Industrial Cleaner and Adhesive Remover		Description/Size	Ca
_	<ul> <li>Helps dissolve and remove dirt, grease, tar and much more for a wide variety of industrial uses</li> <li>Removes and cleans adhesive</li> </ul>	7100179228	☐ Clear, 200 ml, aerosol	12
Industrial  Industrial Cleaner Citrus Bee	residue  ► Non-corrosive  ► Citrus oil based cleaner not based on chlorinated or petroleum-based solvents  ► Heavy-duty degreaser/cleaner	7100178338	☐ Clear, 500 ml, aerosol	
	wipes away with just a shop towel after use  Cleans gently, leaving a pleasant citrus scent	7100180981	☐ Clear, 5 litre, bottle	4
3M <sup>™</sup> 5-Way Penetrant		3M ID	Description/Size	Ca qt
Industrial model of the control of t	<ul> <li>Helps free rusted and frozen parts</li> <li>Tapping lubricant for stainless steel and aluminium</li> <li>General purpose cleaner for metal parts</li> <li>Displaces moisture on electronics</li> <li>Inhibits corrosion during storage</li> </ul>	7000116758	■ Amber, 500 ml, aerosol	1

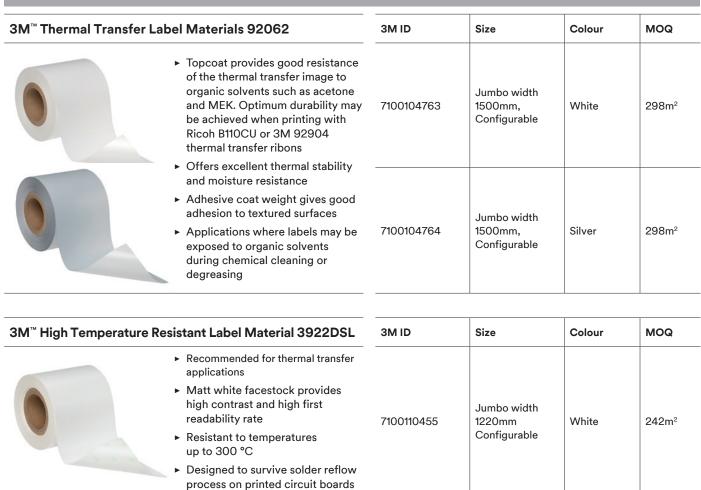


3M™ Thermal Transfe	3M ID	Size	Colour	MOQ	
	<ul> <li>6 g/m² adhesive coat weight is ideal for surfaces that are difficult to adhere to</li> <li>For labelling reinforced plastics and structured composites for automotive and industrial applications</li> <li>Polyester facestock is topcoated for good thermal stability and is durable in harsh environments</li> <li>UL and CUL recognised</li> </ul>	7100104697	Jumbo width 1500mm, Configurable	White	298m²
3M™ Versatile Print La	abel Material 7871V	3M ID	Size	Colour	MOQ
	<ul> <li>Comparable to 7871EC construction with special solvent free manufactured glossy and versatile printable Topcoat</li> <li>Versatile Topcoat allows that print with different technologies to use one label material:         <ul> <li>Water-Based Flexographic</li> <li>UV Flexographic</li> <li>UV Digital</li> <li>Thermal Transfer</li> </ul> </li> <li>High-quality and high-resolution print for UV digital presses</li> <li>Offering high durability as scratch and chemical resistance. UL Component Recognition to UL969 Labeling and Marking Standard with many inks (UL file: MH16411)</li> </ul>	7100104648	Jumbo width 1372mm, Configurable	White	274m²
3M™ Thermal Transfe	r Printable Label Material 7871EC	3M ID	Size	Colour	MOQ
	<ul> <li>Durable matt topcoat capable of withstanding harsh chemicals</li> </ul>	7000116060	750mm x 500m	White	2 rolls
	<ul> <li>Temperature and chemical resistant</li> </ul>	7000116117	150mm x 508m	White	10 rolls
	<ul><li>UL and CUL recognised</li><li>Variety of liners include</li></ul>	7100011333	1500mm x 500m	White	1 roll
	polycoated, clay coated and supercalendered kraft, clear	7100104677	Jumbo width 1500mm,	White	298m²

polyester film

Configurable

#### Lables





## Priority segments and applications



HVAC



Window/door/architecture



Elevator



Metal fabrication



Electro chemical coating shops



Metal service centres



Metal furniture



Electroplating/anodising shops



Transportation

## Application matrix

Common applications by industry	Primary metal/metal centres	Metal fabricators	Elevators	Metal furniture	Electroplating /anodising shops	Metal finishing/liquid paint masking	HVAC/ architectural markets	Transportation
Secure and protect	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>			<b>✓</b>	<b>✓</b>
Chemical processing and coating			~	~	~			✓
Liquid paint masking				<b>✓</b>		<b>✓</b>		<b>✓</b>
Panel-to-frame		<b>✓</b>	<b>✓</b>	<b>✓</b>			<b>✓</b>	<b>✓</b>
Stiffener-to-panel		<b>✓</b>	<b>✓</b>	<b>✓</b>		<b>✓</b>	<b>✓</b>	<b>~</b>
Insulation		<b>✓</b>	<b>✓</b>				<b>✓</b>	<b>✓</b>
Decorative metal attachment		<b>✓</b>	~	~			<b>✓</b>	<b>✓</b>
Sealing and gasketing			<b>✓</b>	<b>✓</b>			<b>~</b>	<b>✓</b>
View port window			~				<b>~</b>	

Market demands for light weighting, improved aesthetics, and acoustic control are creating a need for thinner gauge metals across industries.

3M has the application knowledge and a portfolio of products that offer design flexibility and reduced processing time to meet the market's needs.

Be the leader to transform your industry, remake the world of making things.

> Warranty and Limited Remedy: 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES . OR CONDITIONS, INCLUDING ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price. Limitation of Liability: Except for the limited remedy above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential, regardless of the legal or equitable theory asserted.



3M, Dual-Lock, Fastbond, Scotch, Scotch-Weld, Super 77 and VHB are trademarks of 3M Company. All other trademarks are property of their respective owners. © 3M 2020. All rights reserved. Please recycle. Printed in the UK. J466846



3M Industrial Adhesives and Tapes Division