



Anaerobic Adhesives

Description	Product Number	Typical Use	Color	Typical Viscosity (CPS)	Temp. Range (°F)	Cured Speed Unprimed (Primed)	Cured State	Size	UPC (048011-)	Qty./Case
3M™ Scotch-Weld™ Gasket Makers										
	<ul style="list-style-type: none"> Creates formed-in-place gaskets on flanges and housing to eliminate the need for large inventories of pre-cut gaskets Will not relax or shrink Exceptional pressure and solvent resistance 									
	GM15	General purpose; flexible to withstand vibration	Purple	Paste	-65° to 300°	1–12 hrs. (15 min.–2 hrs.)	Flexible	250mL tube	62656-7	2
								300mL cart.	62657-4	10
								50mL tube	62655-0	10
	GM18	Instant low pressure seal without a primer on mating aluminum flanges	Red	Paste	-65° to 300°	4–24 hrs. (30 min.–4 hrs.)	Flexible	300gm cart.	62660-4	10
50mL tube								62658-1	10	

Product Number/Description	Typical Use	Color	Size	UPC (048011-)	Qty./Case
3M™ Scotch-Weld™ Anaerobic Activator AC649					
	<ul style="list-style-type: none"> Acetone-based primer for inactive or very cold surfaces 30 day part life for pre-application 	Green	2 fl. oz. bottle	62708-3	10
			8 fl. oz. bottle	62709-0	4
			1 gal. can	62707-6	1

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

3M™ Temporary Surface Protection Tapes

Selection Guide for 800 Series Tapes

Increasing Tack Level

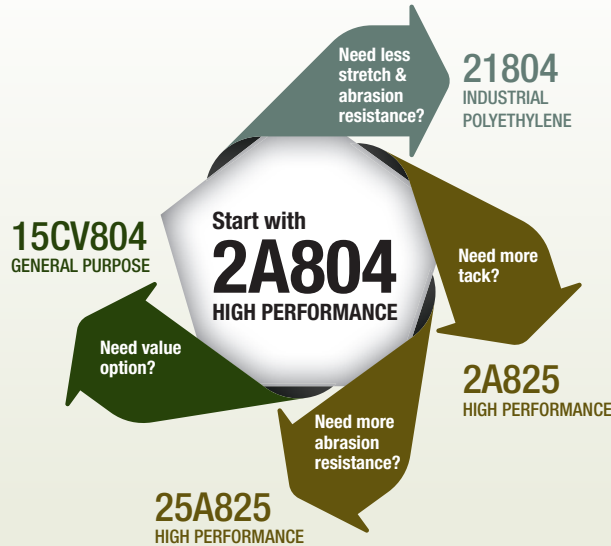
Increasing Film Performance		Low Tack	Medium Tack	Medium High Tack	Specialty
	General Purpose, 1.5 mil film	15CV804	15CV825	15CV826	
	Industrial Polyethylene, 2 mil film	21804	21825	21826	
	Industrial Polyethylene, 3 mil film	31804	31825	31826	31829
	High Performance, 2 mil film	2A804	2A825	2A826	2A829
	Industrial Polyethylene, 4 mil film		41825	41826	
	High Performance, 2.5 mil film		25A825	25A826	25A829
	Industrial Polyethylene, 5 mil film		51825	51826	
	High Performance, 5 mil film				5A829

3M™ Temporary Surface Protection Tapes

2A804 High Performance

For very smooth, high gloss surfaces

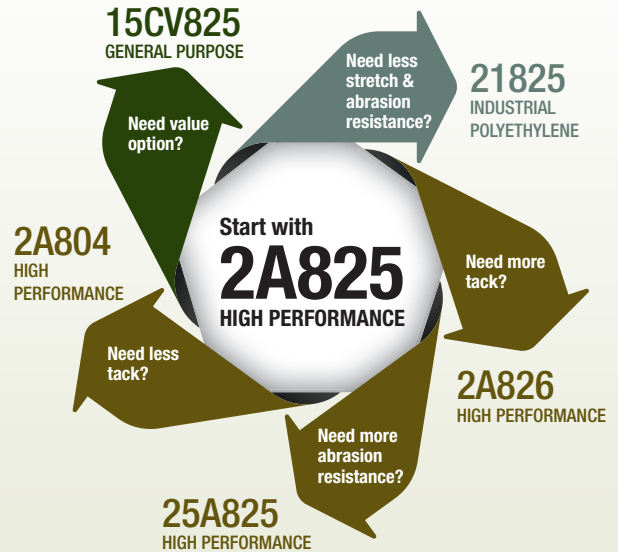
- Glass
- High pressure laminates
- LCD screens
- Painted metal, polycarbonate or plastic
- Stainless steel #7 and #8



2A825 High Performance

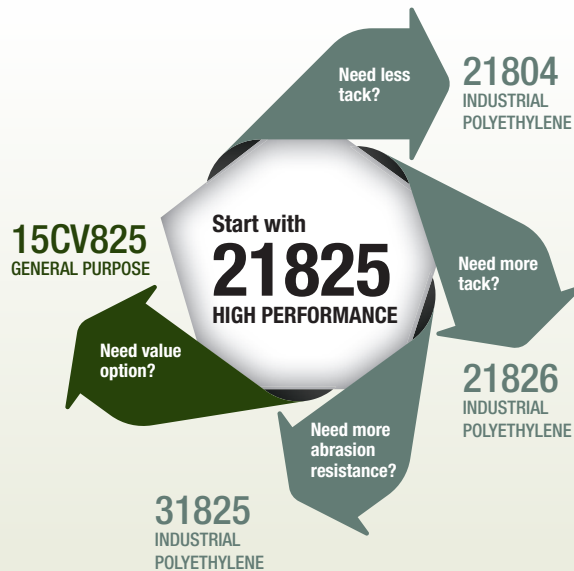
For lightly textured or semi-gloss surfaces and/or bending, embossing, roll forming or shallow draw processes

- Anodized aluminum
- Marble
- Painted metal, high pressure laminate, plastic
- Stainless steel 2B, #3, #4



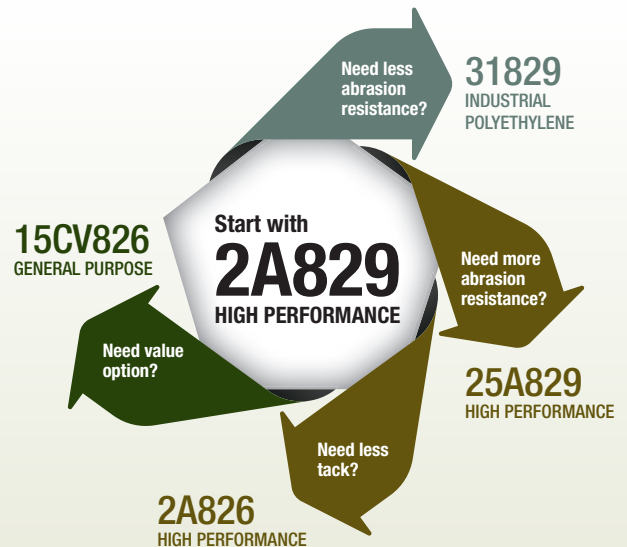
21825 High Performance

For punching, shearing or drilling processes



2A829 High Performance

For porous or other unique surfaces



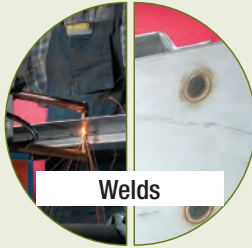
3M™ VHB™ Tapes

3M™ VHB™ Tapes are high-strength bonding tapes and a proven alternative to screws, rivets, welds and other mechanical fasteners. Unlike screws or rivets — which join materials at a single point — high-strength bonding tape permanently adheres one substrate to another while spreading the stress load across the entire length of the joint. Once materials are joined with 3M™ VHB™ Tape a virtually indestructible “weld” is created.

3M™ VHB™ Tape's all-acrylic construction seals against moisture and most solvents, providing long-term resistance to UV and temperature cycles. The tape's unique foam acts as a shock absorber for outstanding impact resistance. Unlike the stress points common to mechanical fasteners, 3M™ VHB™ Tapes distribute the stress. You can use thinner, light-weight materials with less material fatigue.



3M™ VHB™ Tapes



Welds



Rivets

High-Strength Bonding Tapes

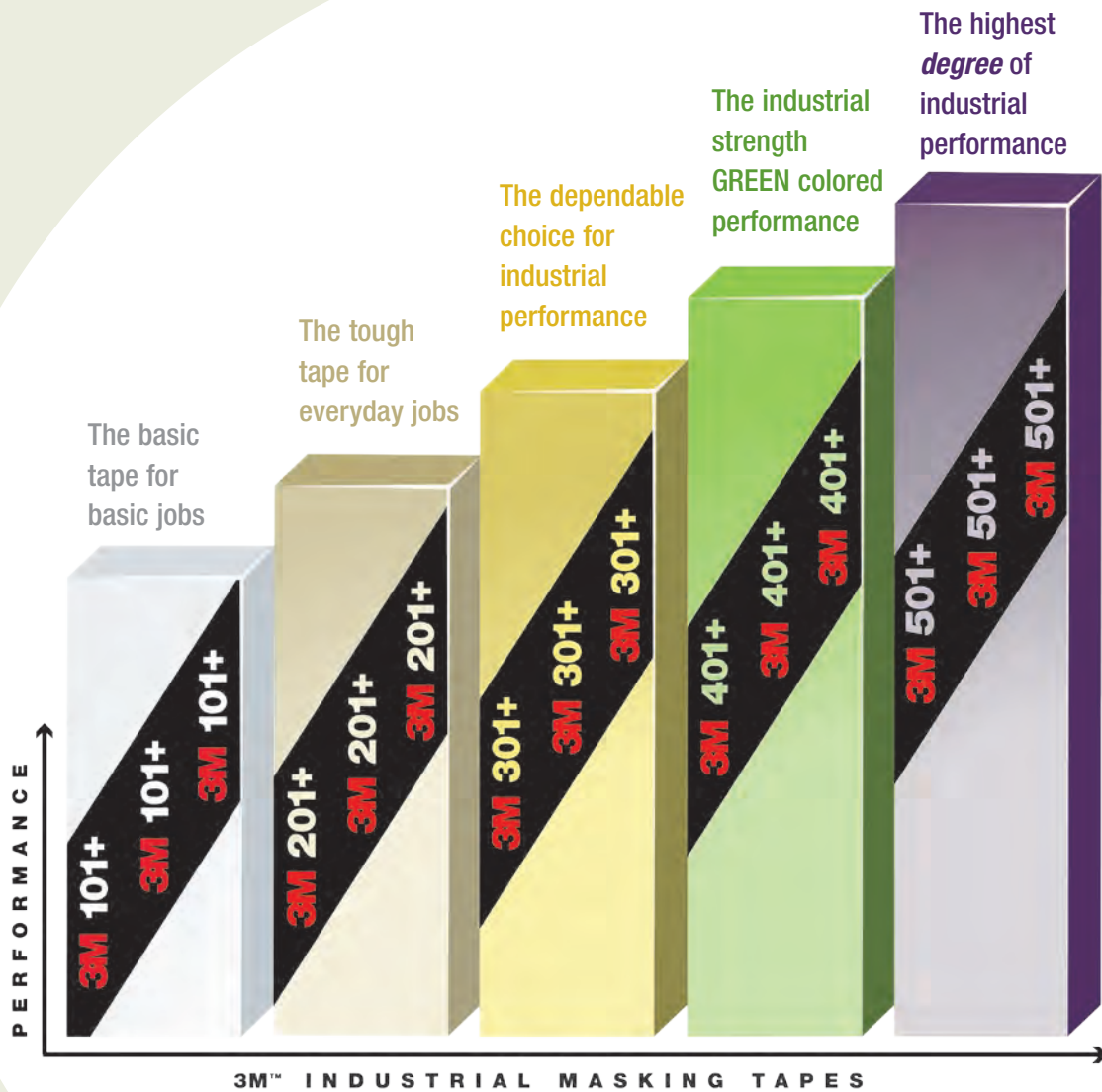
Description	Product Number	Typical Use	Color	Thickness	Temperature Resistance		Size	UPC (021200-)	Qty./ Case
					Short	Long			
3M™ VHB™ Tapes									
	4941	<ul style="list-style-type: none"> Conformable and plasticizer resistant Good adhesion to metals, plastics and plasticized vinyls 	Gray	45 mils	300°F (149°C)	200°F (93°C)	1/2" x 36 yds.	64886-1	18
							3/4" x 36 yds.	64887-8	12
							1" x 36 yds.	64888-5	9
	4611	<ul style="list-style-type: none"> Bonds to bare metal and holds parts together during the washes and high temperature bake of a powder paint cycle Used for hat channel and stiffeners 	Dark Gray	45 mils	450°F (232°C)	300°F (149°C)	1/2" x 36 yds.	56375-1	18
							3/4" x 36 yds.	56002-6	12
							1" x 36 yds.	56146-7	9
	5952	<ul style="list-style-type: none"> Bonds to most liquid and powder painted surfaces, and ABS blends, without the need to prime the surface first 	Dark Gray	45 mils	300°F (149°C)	200°F (93°C)	1/2" x 36 yds.	59967-5	18
							1" x 36 yds.	56229-7	9
	4945	<ul style="list-style-type: none"> Plasticizer resistant High strength firm core Bonds to most painted substrates Good adhesion to substrates containing plasticizers 	White	45 mils	300°F (149°C)	200°F (93°C)	1/2" x 36 yds.	16961-8	18
							3/4" x 36 yds.	16954-0	12
							1" x 36 yds.	16955-7	9
	4950	<ul style="list-style-type: none"> Bonds to most metals and high surface energy substrates 	White	45 mils	300°F (149°C)	200°F (93°C)	1/2" x 36 yds.	18090-3	18
							3/4" x 36 yds.	18091-0	12
							1" x 36 yds.	18092-7	9

To evaluate how 3M VHB Tapes can be used in your applications, contact your 3M Sales Specialist or call 1-866-279-1288

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Masking Made Simple

Introducing 3M™ Industrial Masking Tapes. Five tapes, built on increasing levels of performance and a common goal of helping you **finish jobs worth finishing**.



Masking Tapes

Product Number/Description	Backing/Adhesive	Total Thickness mils (mm)	Temperature Range °F (°C)	Size	UPC (051115-)	Qty./ Case
3M™ Value Masking Tape 101+						
 <ul style="list-style-type: none"> Indoor use Light-duty applications Ideal for marking, temporary holding, wrapping, and sealing 	Crepe Paper/ Rubber	5.1 (0.13)	Up to 150°F (66°C)*	18mm x 55m	68707-5	48
				24mm x 55m	68708-2	36
				36mm x 55m	68709-9	24
				48mm x 55m	68710-5	24
				72mm x 55m	67811-2	12
3M™ General Use Masking Tape 201+						
 <ul style="list-style-type: none"> 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 	Crepe Paper/ Rubber	4.4 (0.11)	Up to 200°F (93°C)*	18mm x 55m	64739-0	48
				24mm x 55m	64740-6	36
				36mm x 55m	64741-3	24
				48mm x 55m	64742-0	24
				72mm x 55m	64743-7	12
3M™ Performance Yellow Masking Tape 301+						
 <ul style="list-style-type: none"> Good conformability to irregular surfaces Resists paint bleed-through and offers great paint lines Yellow backing ensures good visibility Ideal for industrial paint masking, bundling, holding, marking, color coding and sealing 	Smooth Crepe Paper/Rubber	6.3 (0.16)	Up to 225°F (107°C)*	18mm x 55m	64750-5	48
				24mm x 55m	64751-2	36
				36mm x 55m	64752-9	24
				48mm x 55m	64753-6	24
				72mm x 55m	64754-3	12
3M™ High Performance Green Masking Tape 401+						
 <ul style="list-style-type: none"> Superior adhesion to metal, rubber, glass and plastic, while removing cleanly in one piece with no adhesive residue High conformable to many surfaces Resists paint bleed-through and creates super-sharp paint lines Green backing improves visibility and accuracy during paint masking Ideal for high performance industrial painting, including two-tone color applications 	Smooth Crepe Paper Treated with a Heat Resistant Saturant/ Natural Synthetic Rubber Blend	6.7 (0.17)	Up to 250°F (121°C)*	18mm x 55m	64760-4	48
				24mm x 55m	64761-1	24
				36mm x 55m	64762-8	16
				48mm x 55m	64763-5	12
				72mm x 55m	64764-2	8
3M™ Specialty High Temperature Masking Tape 501+						
 <ul style="list-style-type: none"> 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 	Smooth Crepe Paper Treated with a Heat Resistant Saturant/Rubber	7.3 (0.185)	Up to 300°F (149°C)*	18mm x 55m	64773-4	48
				24mm x 55m	64774-1	36
				36mm x 55m	64775-8	24
				48mm x 55m	64776-5	24
				72mm x 55m	64777-2	12

* Up to 30 minutes