



# 3M Industrial Adhesives & Tapes for the Signage Industry

# 1 What is the customer producing?



Shop signs and fascias



Light box signs and mounted 3D letters



Totems and forecourt signage

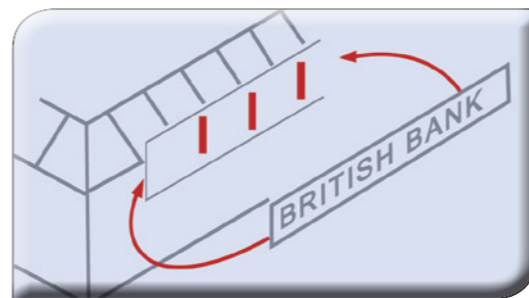


Internal lightweight signs

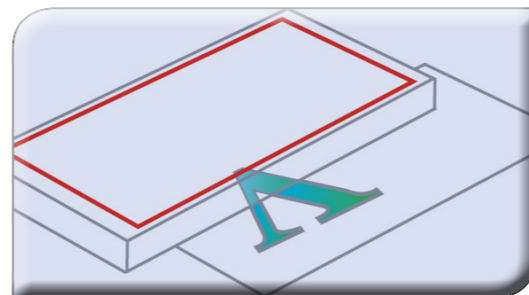


Temporary and removable signs

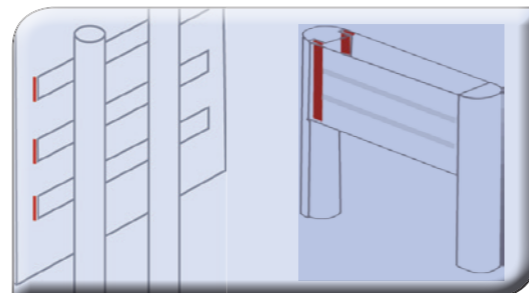
# 2 What process is the customer using?



Permanent medium duty joining and bonding



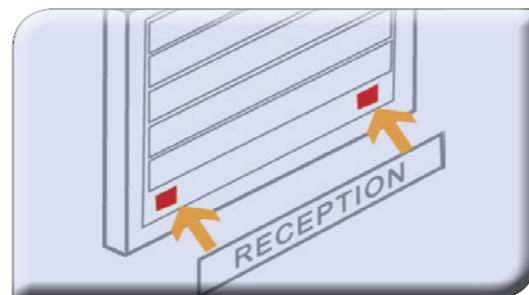
Sealing and joining



Critical load bearing bonding



Lightweight bonding or banner hemming



Removable and repositionable attachment

# 3 What are the application details?

- S**ubstrate : what are the substrates you are attaching?
- E**nvironment : what is the environment the bond will be applied in?  
: what environment will the bond be subjected to?
- A**pplication : what is the customer doing with their part?  
: what application characteristics do they need?
- L**oad : what stresses will be on the joint, including size and direction?
- \$** value of the opportunity

# 4 What are the customers priorities?

Customer priorities	Suggested product group				
	3M™ VHB™ Tape	Adhesive Sealants	Structural Adhesives	Thin Bonding Tapes	Instant Adhesives
Dealing with extreme weather conditions	●●	●	●●		
Durability of product	●●	●	●●		
Ease of application	●●	●	●	●	●
Speed of application	●●	●	●	●●	●
Joining different/dissimilar materials	●●	●●	●		
Cleanliness of application	●●	●		●●	
Sealing and bonding in one stage	●●	●	●	●	
Reducing visible fixings and unappealing aesthetics	●●	●	●	●●	●
Gap filling	●	●●	●		
Short/quick handling strength time	●●	●	●	●	●
Using difficult to bond materials	●		●●	●	●●
Reducing water leakage from external exposure	●	●●	●		
Dealing with expansion and contraction of sign panel	●●	●●	●		
Reducing noisy production	●	●	●	●	●
Bonding to powder-coated surfaces	●●	●	●●	●	
Reducing the thickness/gauge of materials	●●		●●	●●	
Using high load bearing/ heavy materials	●	●	●●		
Having a minimal bond line			●	●	●
Handling dynamic loads e.g. wind	●●	●	●●		

A removable/ readjustable solution :3M™ Dual Lock™ Fastening Systems

●● = best choice ● = good choice

# What next?

With the above information you will be able to;

- 1) Reference your 3M product information guide for products to trial
- 2) Contact your 3M sales representative for application advice\*

\*In most cases, but particularly where there are extremely large loads or where signs will be above head height, please seek assistance from your 3M sales representative

Customer product selection is based upon a mix of factors including; adhesion to substrates, viscosity, colour, processing speed, mechanical properties and environmental conditions.

3M recommends that thorough evaluation in actual application conditions should take place prior to final product selection. The following products are the most widely used in the signage industry:-

### 3M™ VHB™ Acrylic Foam Tapes

*Proven performance. Proven results.*

Product	Colour	Ideal for
RP45	Grey	Bonding to most materials including engineered plastics and metals
5952	Black/White	Bonding to powder coated materials
4943	Grey	Low temperature application (down to 0 degrees)
4611	Grey	Pre powder coat bonding

### 3M™ Adhesive Sealants

*Best gap filling flexible adhesive for bonding and sealing*

Product	Colour	Ideal for
760 Hybrid	Black/Grey/White	Applications where a firmer adhesive is needed with excellent non-sag and high strength
755FC Hybrid	Black/Grey/White	Most applications, including lightbox bonding, where a fast-skin time and excellent adhesion is needed
3200 Silicone	Clear	Applications where a clear bond line is desired

### 3M™ Structural Adhesives

*Clean accurate bond lines that are stronger than welds*

Product	Colour	Ideal for
DP810	Green	Low odour two-part acrylic for most substrates
DP804	Clear	Applications where a clear, bubble free bond line is needed
DP610	Clear	Fast, clear, non-yellowing bonding of most plastics, glass, painted or primed metal surfaces
DP807	Green	Applications where a high viscosity and good adhesion is needed. Adheres to many surfaces including powder coat paints and most plastics

### 3M™ Double Coated Tapes

*Easy to handle, incredibly flexible and resistant to high temperatures*

Product	Colour	Ideal for
9087	White	Holding while surfaces are being bonded. Will bond to most surfaces
9088	Clear	Applications where high temperature resistance is required

### Scotch® Adhesive Transfer Tapes

*Bond fast. Stay fast.*

Product	Colour	Ideal for
924	Clear	Use with Scotch ATG700 Applicator for neat, quick and lightweight applications

### 3M™ Scotch-Mount™ Double Coated Foam Tapes

*General purpose bonding for internal lightweight applications*

Product	Ideal for
9546	Lightweight general purpose indoor applications

### 3M™ Dual Lock™ Fastening Systems

*A durable, removable, fastening solution*

Product	Colour	Ideal for
SJ3550	Black	High performance re-closable fastening system with high bond strength
SJ3560	Clear	Applications requiring a high performance reclosable fastening system with a VHB backing

### 3M™ Masking Tapes

*Premium quality, reliable application*

Product	Ideal for
2120	General purpose masking

### 3M™ Instant Adhesives

*Fast bonding for indoor applications*

Product	Ideal for
SF100	For rapid bonding of most materials
TL43	Medium strength threadlocker for metal screws and bolts



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