


3M™ Industrial Adhesives and Tapes  
3M™ Scotch-Weld™ Engineering Adhesives



# Product & Solution Guide



A name you  
can trust at a  
price you  
can afford

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# Sticking with innovation

Throughout its long history, 3M people and products have been working hard to improve the lives of individuals, communities and society.

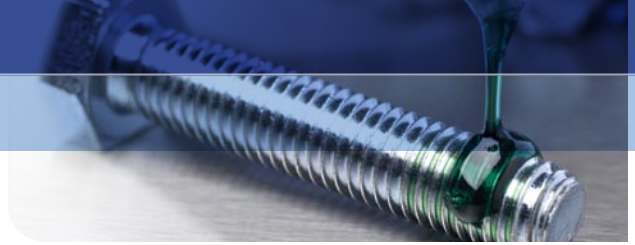
Our commitment to capturing and fulfilling their needs is what drives our creativity, enabling us to translate those needs into more than 50,000 innovative solutions touching virtually every aspect of modern life including the OEM, automotive, electronics and general engineering sectors.

## 3M bring their innovation to Industrial Adhesives

Building on our long track record in Engineering adhesives and sealants, we have introduced a new range of 3M™ Scotch-Weld™ Industrial Adhesives and Sealants to help industrial customers in the design and production of improved engineering solutions.

Delivering fast curing speeds, reliable bonding and flexible application, the Scotch-Weld range results from the advanced adhesive technologies that 3M is continuously developing industry-wide. And rest assured it comes with the same world-class technical support associated with all 3M innovations.





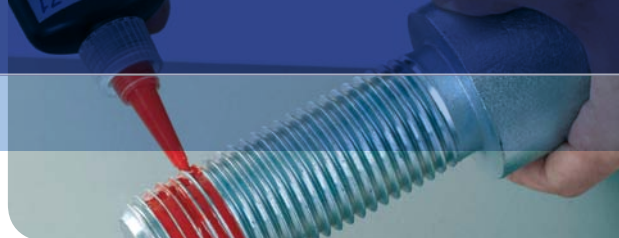
## A name you can trust at a price you can afford

Unlike many big brand names, Scotch-Weld's superior bonding characteristics and application versatility don't come at an unfairly inflated price. At 3M we are aware of the cost-conscious competitive environment in which our industrial customers operate and our determination as ever is to deliver a better-performing product range within a cost-efficient pricing structure.

## Making your job easier

This Product and Solutions Guide has been deliberately designed to help you to find the right Scotch-Weld product fast, so that you can carry out your task speedily, efficiently and consistently. Simply select the relevant category and you will find all the product information you need to confirm your choice. It's the easiest way to take advantage of Scotch-Weld's many application opportunities and get the results you want every time.



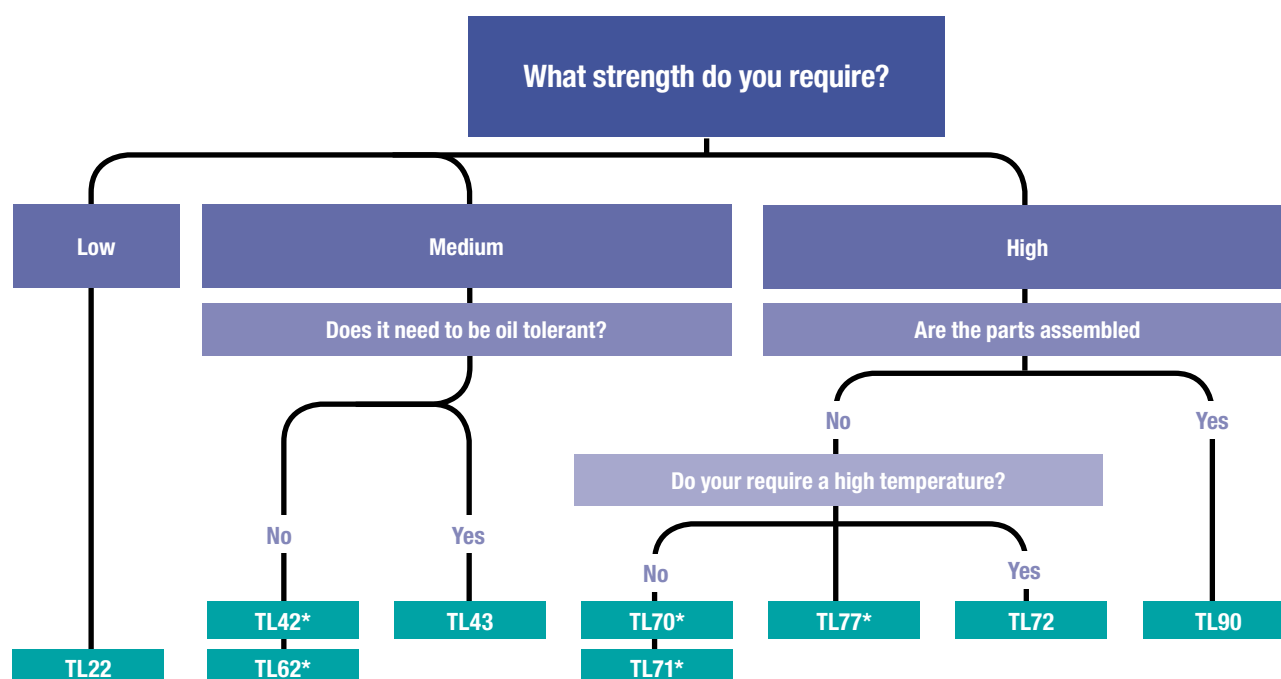


## 3M™ Scotch-Weld™ Threadlockers

With a wide range of strengths and viscosities allowing use across a broad spectrum of general engineering and automotive applications, Scotch-Weld Threadlockers readily meet the needs of OEM assembly, maintenance, upgrade and overhaul projects.

- Fills gaps between mating metal threads preventing vibration loosening
- Seals against leakage and corrosion
- Excellent fluid resistance
- Replaces traditional mechanical methods such as locks washers, split pins, Nylok nuts and wiring thus reducing weight, inventory and cost
- Single component (no mixing)
- Easy to apply

### What threadlocking product do I need?



\* choose product based on viscosity required.

	Colour	Viscosity mPa s	Breakaway Torque N m ISO 10964	Prevail Torque N m ISO 10964	Gap Fill mm	Fixture Time min.	Service Temperature Range °C
TL22	Purple	at 2.5 rpm 4,000–6,000 <sup>1</sup> , at 20 rpm 1,000–2,000 <sup>1</sup>	8	3	0.25	≤ 15	-50 to +150
TL42	Blue	at 2.5 rpm 4,000–6,000 <sup>1</sup> , at 20 rpm 1,000–2,000 <sup>1</sup>	15	7	0.25	≤ 15	-50 to +150
TL62	Red	at 2.5 rpm 5,500–8,500 <sup>1</sup> , at 20 rpm 1,000–3,000 <sup>1</sup>	25	25	0.25	≤ 15	-50 to +150
TL43	Blue	at 2.5 rpm 10,000–18,000 <sup>1</sup> , at 20 rpm 2,500– 4,000	19	10	0.30	≤ 15	-50 to +150
TL70	Green	400–600	29	33	0.20	≤ 15	-50 to +150
TL71	Red	400–600	29	31	0.20	≤ 15	-50 to +150
TL77	Red	7000	30	30	0.20	≤ 15	-50 to +150
TL72	Red	at 2.5 rpm 15,000–30,000 <sup>2</sup> , at 20 rpm 5,000–10,000 <sup>2</sup>	26	26	0.30	≤ 15	-50 to +230
TL90	Green	7–12	16	34	0.15	≤ 15	-50 to +150

Shelf life: see product information <sup>1</sup> Brookfield RVT, spindle 2, <sup>2</sup> Brookfield RTF, spindle 4

## Threadlocking Product Details

### TL22

- Screwlock
- Low-strength thixotropic compound
- Low removal torque allows easy disassembly
- Used with light fasteners
- Recommended for use on softer, non-ferrous metals e.g. brass

### TL71

- Studlock
- High strength
- Used for permanent threadlocking applications
- Suitable for larger threaded fasteners

### TL42

- Nutlock
- Medium-strength thixotropic compound
- General purpose threadlocker
- Can fill gaps up to 0.25mm
- For use where disassembly with hand tools for servicing is required

### TL77

- Boltlock
- High strength
- Medium-high viscosity gives improved gap-filling and sealing capability
- Used on large nuts and bolts up to M50

### TL43

- Nutlock
- Oil-tolerant
- Medium-strength thixotropic compound
- General purpose threadlocker
- Typically used on mounting bolts and housing screws

### TL72

- Studlock
- High service temperature up to 230°C
- High-viscosity thixotropic product prevents run-off, dripping and migration post-assembly
- Gap filling for larger diameter threaded parts

### TL62

- Studlock
- High strength
- Prevents corrosion of assembled parts
- Can fill gaps up to 0.25mm
- Suitable for applications requiring high strength but not maximum strength

### TL90

- High strength
- Penetrating adhesive
- Very low viscosity
- Applied to pre-assembled parts
- Can be used as a porosity sealant for cast components

### TL70

- Studlock
- High strength
- Used for permanent threadlocking applications
- Suitable for larger threaded fasteners e.g. studs





## 3M™ Scotch-Weld™ Pipe Sealants

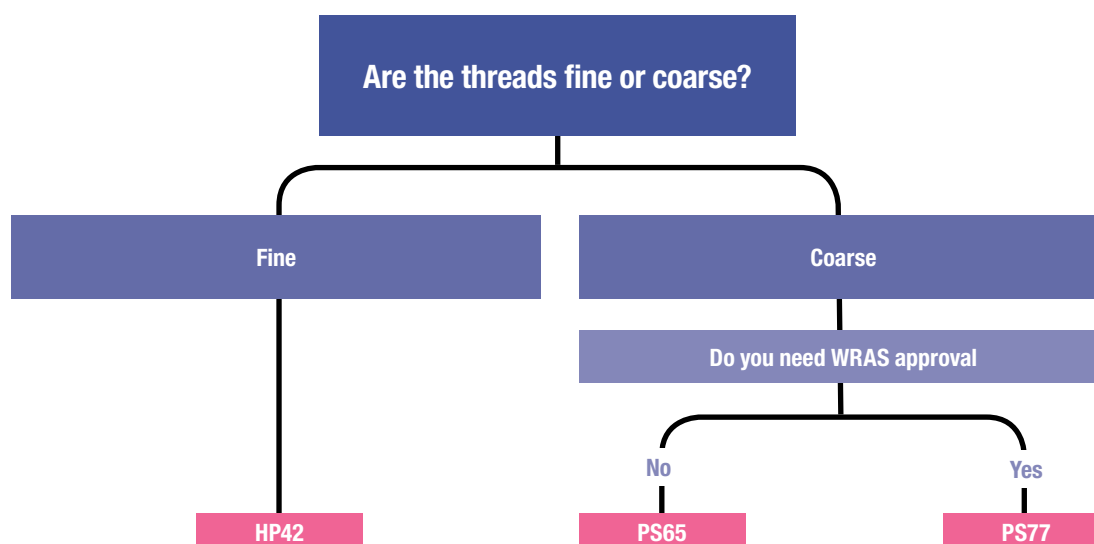
Allowing easy disassembly even over long time periods, Scotch-Weld Pipe Sealants are formulated to seal pipe threads preventing the escape of gaseous and liquid materials such as water, oil and gas.

- Replaces PTFE tape
- Single component (no mixing)
- Provides low cost joints that do not shred

- Solvent free
- Provides an instant low pressure seal
- Easy disassembly even after long periods
- WRAS approval\*

\*Available on selected products only

### What pipe sealant product do I need?



	Colour	Viscosity mPa s	Breakaway Torque N m ISO 10964	Prevail Torque N m ISO 10964	Gap Fill mm	Fixture Time min.	Service Temperature Range °C
<b>Hydraulic Sealant</b>							
<b>HP42</b>	Brown	at 2.5 rpm <sup>1</sup> 400-600 <sup>1</sup>	13	10	0.20	15	-50 to +150
<b>Pipe Sealants</b>							
<b>PS65</b>	White	at 2.5 rpm 150,000-450,000 <sup>2</sup> , at 20 rpm 30,000-130,000	3.5	1.5	0.50	≤ 120	-50 to +150
<b>PS77</b>	Fluorescent yellow	at 2.5 rpm 35,000-60,000 <sup>3</sup> , at 20 rpm 10,000-20,000 <sup>3</sup>	16	4.5	0.25	≤ 15	-50 to +150

Shelf life: see product information <sup>1</sup> Brookfield LVF, spindle 2, <sup>2</sup> Brookfield RVT, T spindle D, <sup>3</sup> Brookfield RVT, T spindle 5



# Pipe Sealant Product Details



## HP42

- Hydraulic sealant
- Used on pneumatic and hydraulic installations
- Can be used for fine fittings with diameters up to 15mm
- Prevents vibration-loosening and leakage through pipe threads
- Provides medium-strength break for easy to disassembly and service



## PS65

- Pipe sealant
- High-viscosity thixotropic pipe-sealing paste
- Can be used for medium to coarse threads with diameters from 15 to 80mm
- Used to lock and seal medium to coarse threads
- Prevents vibration-loosening and leakage through pipe threads



## PS77

- Pipe sealant
- High-viscosity thixotropic pipe sealing paste
- Locks and seals medium to coarse straight and tapered threads
- Used to lock and seal medium to coarse threads
- Prevents vibration-loosening and leakage through pipe threads



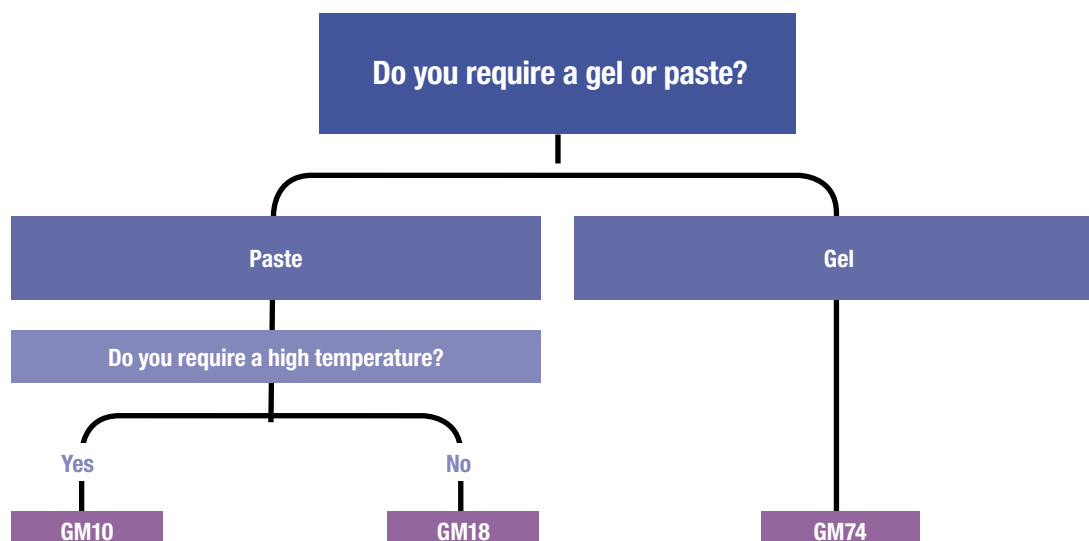


## 3M™ Scotch-Weld™ Gasket Makers

Ideal for creating a reliable joint between two mounted flanges or surfaces, Scotch-Weld Gasket Makers provide a durable, flexible and temperature resistant seal.

- Eliminates the need for pre-cut gaskets, reducing weight, inventory and cost
- Provides excellent instant seal
- For use on water, oil and fuel pumps, electric motor end covers, compressors, thermostat housing and most machined metal faces
- Will not contaminate hydraulic and pneumatic systems
- Does not shrink, crack, sag or run
- Fills surface imperfections, reducing machining costs
- Single component (no mixing)

### What gasket maker product do I need?



	Colour	Viscosity mPa s	Breakaway Torque N m ISO 10964	Prevail Torque N m ISO 10964	Gap Fill mm	Fixture Time min.	Service Temperature Range °C
<b>GM10</b>	Red-orange	at 2.5 rpm 250,000–600,000 <sup>1</sup> , at 20 rpm 40,000–80,000 <sup>1</sup>	-	-	0.50	20	-50 to +200
<b>GM18</b>	Red	at 2.5 rpm 300,000–700,000 <sup>1</sup> , at 20 rpm 75,000–150,000 <sup>1</sup>	-	-	0.50	35	-50 to +150
<b>GM74</b>	Orange	at 2.5 rpm 60,000–100,000 , at 20 rpm 12,000–25,000	-	-	0.35	20	-50 to +150

Shelf life: see product information <sup>1</sup> Brookfield RVT, T spindle D, <sup>2</sup> Brookfield RVT, T spindle 6

# Gasket Maker Product Details



## GM10

- Suitable for high temperature applications
- Designed for use on rigid flanges
- Provides rapid low-pressure seal
- Seals similar metals



## GM18

- Ideal for use on rigid flanges
- Highly flexible
- High-viscosity thixotropic paste
- Seals similar and dissimilar metals



## GM74

- Multi-purpose gasket
- General-purpose flange sealant
- Can be dismantled after prolonged use
- Seals similar and dissimilar metals

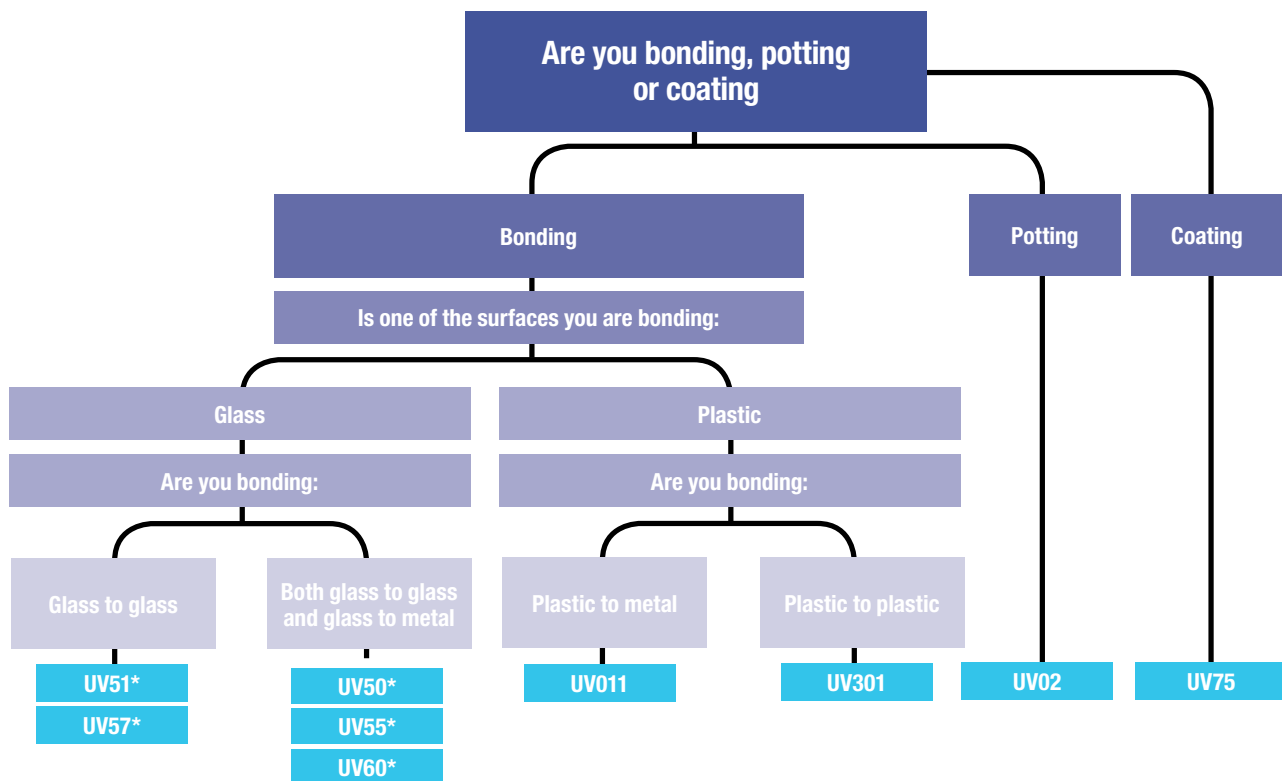


# 3M™ Scotch-Weld™ UV Curing Adhesives

High performance, single component products which 'cure on demand' with exposure to UV light, Scotch-Weld UV Curing Adhesives can be used for bonding most glass, metal and plastic combinations where at least one surface will allow UV penetration.

- Fast controllable cure at room temperature
- Excellent adhesion to many materials including plastics
- Clear bond lines
- High strength, cure on demand
- Ideal for automated production
- Typical applications include coating, bonding, encapsulation, laminating and potting

## What UV curing adhesive product do I need?



\* choose product based on viscosity required.

	Colour	Viscosity	Shear Strength mPa	Depth of Cure. Cured for 30 sec at 10mW/cm2 and 365 nm mm	Cure Time sec	Continuous Service Temperature °C
UV51	Clear	55	25 (compressive)	2	<5	-50 to +120
UV57	Clear	580	11 (compressive)	3	<5	-50 to +120
UV50	Clear	5,500-7,500	>4.5	3	<3	-50 to +130
UV55	Clear	3200	10	3	<3	-50 to +120
UV011	Clear	90	-2.5	2	<10	-50 to +120
UV301	Clear	6,500	6-15	1.5-3.5	<5	-50 to +120
UV02	Clear / yellowish	2,600-3,800	-	4	<2	-50 to +120
UV75	Clear	1,700-1,900	-	5	<3	-50 to +120

## UV Curing Adhesive Product Details

### UV51

- Very high-strength, very low-viscosity UV adhesive
- Used for decorative or structural glass bonding
- Cures rapidly to give a clear bond when exposed to UV light

### UV60

- Medium-high viscosity UV adhesive
- Designed for very high-strength bonding on glass to metal applications
- Cures to give a clear, flexible bond when exposed to UV light

### UV57

- Medium-viscosity UV adhesives
- Rapid cure adhesive for bonding glass to glass
- Cures quickly to give a clear, flexible bond when exposed to UV light

### UV011

- Low-viscosity UV adhesive
- Designed for bonding stainless steel to thermoplastics
- Cures to give a clear, flexible bond when exposed to UV light
- USP Class VI approval for use in medical devices

### UV50

- High-viscosity, general-purpose adhesive
- Designed for bonding glass to glass and glass to metal
- Cures rapidly to give a clear bond when exposed to UV light

### UV301

- Low-to-medium viscosity UV adhesive
- Designed for bonding rigid PVC and polycarbonate
- Cures to give a clear, flexible bond when exposed to UV light

### UV55

- Medium-to-high viscosity UV adhesive
- Designed for bonding crystal glass to itself or metals
- Cures to give a clear, flexible bond when exposed to UV light

### UV02

- High-viscosity formulation for potting, sealing and encapsulating
- Single component adhesive
- Cures to give a clear, flexible bond when exposed to UV light

### UV75

- High viscosity UV adhesive
- Designed to rapidly produce a flexible, smooth, tack-free coating
- Ideal for coating badges and emblems



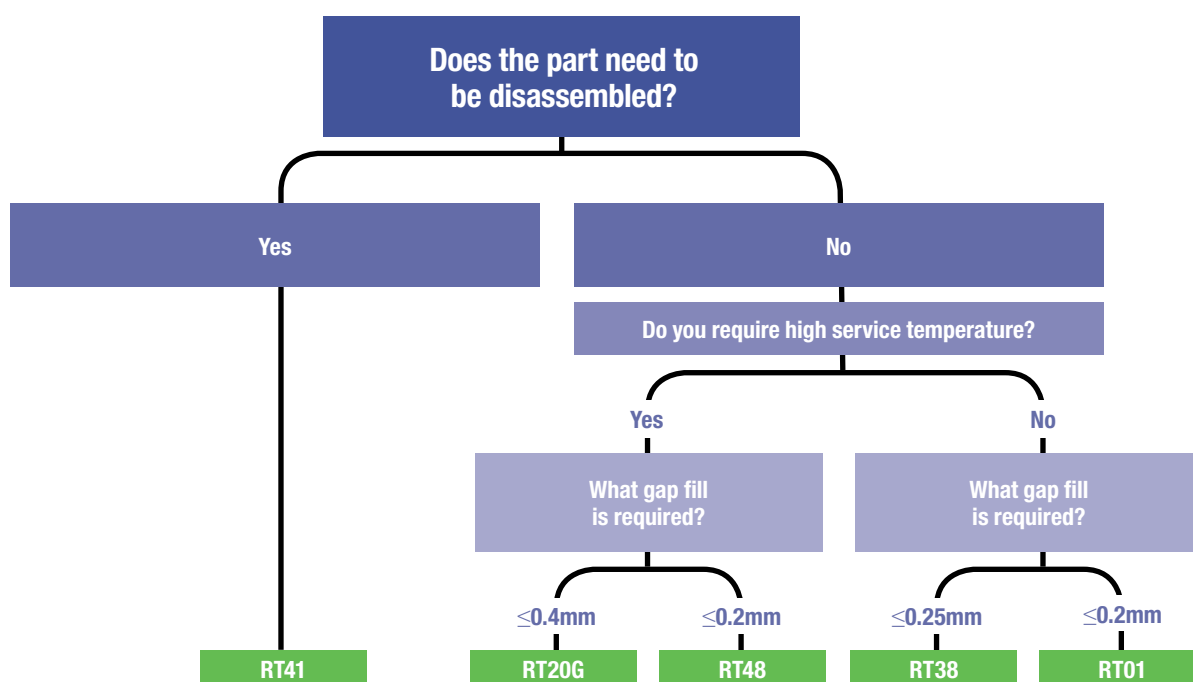


# 3M™ Scotch-Weld™ Retaining Compounds

Available in high temperature grades and easily dispensed manually or automatically, Scotch-Weld Retaining Compounds are ideal for bonding parts such as bearings, shafts, hubs and bolts.

- Increases the load bearing characteristics of cylindrical joints
- Reduces assembly stresses
- Range of strengths and viscosities to meet demanding engineering specifications
- Single component (no mixing)
- Prevents corrosion and eliminates fretting
- Provides 100% contact, filling all voids

## What retainer product do I need?



	Colour	Viscosity mPa s	Breakaway Torque /Prevail Torque N m ISO 10964	Shear Strength MPa ISO 10123	Gap Fill mm	Fixture Time min.	Service Temperature Range °C
<b>RT41</b>	Yellow/brown	400–600	15/10	-	0.20	15	-50 to +150
<b>RT20G</b>	Yellow/green	at 2.5 rpm 10,000–30,000*, at 20 rpm 5,000–10,000*	34/32	11–28	0.40	15	-50 to +230
<b>RT48</b>	Green	400–800	30/26	20–33	0.20	10	-50 to +150
<b>RT38</b>	Green	1,800–3,300	30/32	11–37	0.25	≤ 15	-50 to +150
<b>RT01</b>	Green	100–150	32/34	12–26	0.20	15	-50 to +150

Shelf life: see product information \* Brookfield RVT, spindle 4

## Retainer Product Details



### RT41

- Provides controlled, medium-strength retaining
- Ideal for parts which require subsequent dismantling
- Ideal for parts which require servicing
- Typical applications include mounting bearings in place on shafts and housings



### RT38

- Highest bond strength
- Designed for bonding cylindrical parts
- Typical applications include locking sleeves onto shafts



### RT20G

- High-viscosity thixotropic retaining compound
- Designed to give high service temperature
- Ideal for retaining cylindrical parts to achieve high bond strengths
- Ideal for gap-filling applications



### RT01

- High strength
- Eliminates fretting and corrosion
- Oil-tolerant
- Ideal for retaining close-fitting cylindrical parts



### RT48

- High-temperature retaining compound
- High strength
- Eliminates fretting and corrosion
- Typical applications include mounting gears and rotors onto shafts



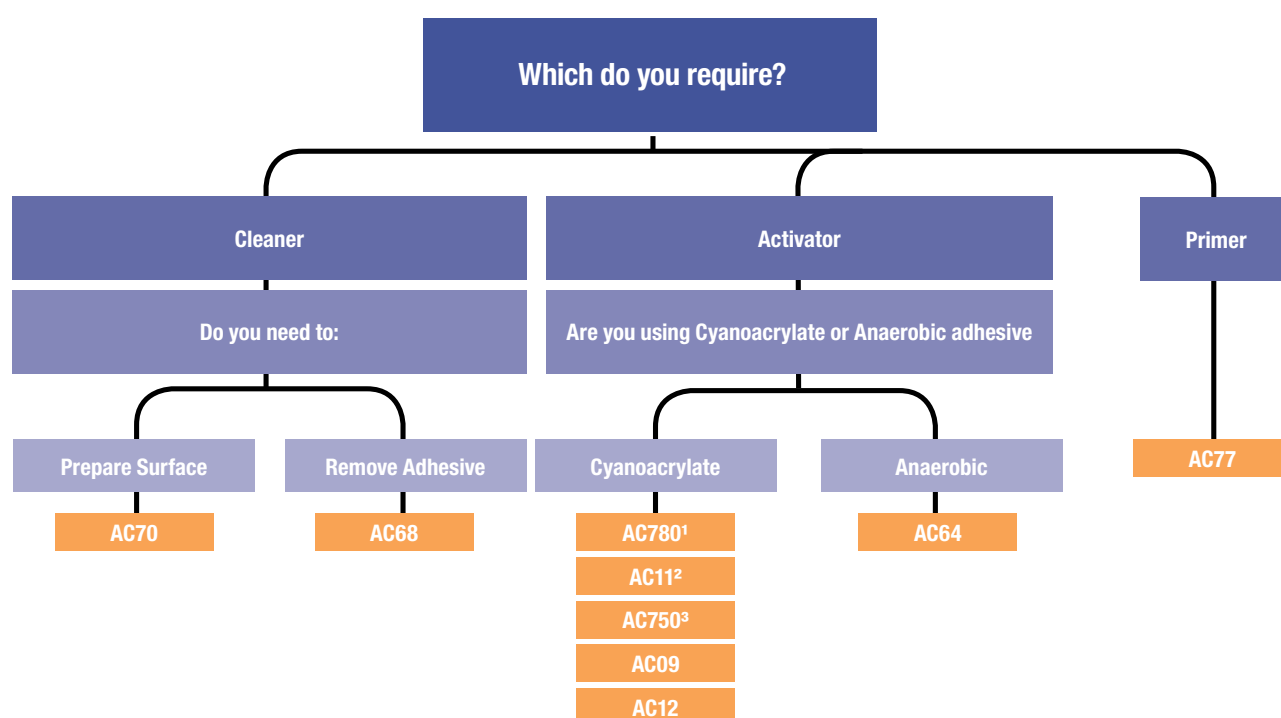


# 3M™ Scotch-Weld™ Surface Preparation

Used to prepare surfaces, Scotch-Welds range of cleaners, activators and primers work to clean surfaces, enhance cure speeds and allow bonding on low surface energy materials such as polyethylene, polypropylene and even Teflon™.

- Accelerates cure speeds
- Allows bonding on inactive substrates
- Ideal for high speed production environments
- Simple to use
- Easy and fast removal of surplus instant bonding adhesives
- Ensures high strength bonding on inactive substrates such as anodized metal, stainless steel, electroplated parts etc

## What surface preparation product do I need?



<sup>1</sup> used for PVC parts, <sup>2</sup> used for slower curing higher viscosity grades, <sup>3</sup> used for sensitive plastics.

	Basis	Colour	Viscosity mPa s	Flash-off Time	On Part Life	Flashpoint °C
<b>AC70</b>	Hydrocarbon-based solvent	Clear	0.36	-	-	-40 (highly flammable)
<b>AC68</b>	Propylene carbonate	Clear	2.00	-	-	68
<b>AC780</b>	Hydrocarbon-based solvent	Clear	0.36	-	1 min.	-40 (highly flammable)
<b>AC11</b>	Organic solvent	Clear	1.00	30 sec.	15 min.	< 15 (highly flammable)
<b>AC750</b>	Organic solvent	Clear	2.00	-	-	-40 (highly flammable)
<b>AC09</b>	Fluorinated solvent	Clear to pale yellow	< 5	-	1 min	Non-flammable
<b>AC12</b>	Organic Solvent	Clear	2.00	-	15 min	< 12 (highly flammable)
<b>AC64</b>	Hydrocarbon solvent base, copper salt	Pale green	0.50	~ 15 sec.	≤ 30 days	-5 (highly flammable)
<b>AC77</b>	Heptane	Clear	1.00	30 sec.	8 hrs.	1 (highly flammable)



## Surface Preparation Product Details

### AC70

- Hydrocarbon solvent-based activator
- Designed to remove contamination from surface substrate before bonding

### AC09

- Non flammable activator
- Designed to give instant curing of cyanoacrylate adhesives

### AC68

- De-bonder
- Designed to remove cured or uncured cyanoacrylate adhesives
- Can be used to remove small marks or fingerprints on work surfaces

### AC12

- Activator
- Designed to give instant curing of cyanoacrylate adhesives on sensitive plastic surfaces

### AC780

- Solvent-based activator for cyanoacrylates
- Formulated to minimise staining on plastics
- Increases surface energy of difficult-to-bond plastics

### AC64

- Rapid-cure activator for use with anaerobic adhesives
- Recommended for use with passive metals e.g. stainless steel
- Used for low-temperature bonding applications

### AC11

- Solvent-based activator
- Designed to provide instant on-demand curing of cyanoacrylates
- Suitable for use with slower curing, high-viscosity grades

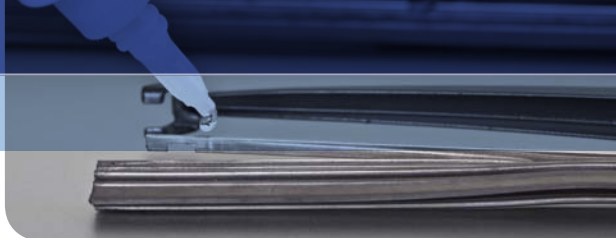
### AC77

- Cyanoacrylate primer
- Designed for bonding to difficult-to-bond plastics
- Increases surface energy of difficult-to-bond plastics

### AC750

- Solvent-based activator for cyanoacrylate adhesives
- Designed to give instant on-demand curing of adhesives





## 3M™ Scotch-Weld™ Instant Adhesives

3M™ Scotch-Weld Adhesives enable rapid bonding of many substrates and ensure high strength joints and clear bond lines, all in a matter of seconds

- Instant bond
- Low odour and low bloom products available
- High-performance
- Ideal for low surface energy materials
- Clear bond lines
- Bonds a wide variety of materials
- A range of viscosities available to suit different applications

Please note that on product coding letters relate to product type and numbers relate to viscosity (CPS)

### Instant Adhesive Product Details

#### Rubber Toughened

- Rubber-toughened adhesive
- Provides a more flexible bond than standard cyanoacrylates
- Displays excellent peel and impact strength
- Well-suited to applications which experience vibration, thermal shock, temperature variation, cycling and high humidity

RT300B

RT3500B

#### Super Fast

- Very fast-curing cyanoacrylate adhesive
- Suitable for bonding a wide range of materials including acidic surfaces
- Formulated for the bonding of plastics, rubbers, paper, leather and metals

SF20

SF100

SF600

#### Plastics and Rubber

- High-strength, multi-purpose bonding of most plastics and rubbers
- Can bond difficult-to-bond-to plastics such as polypropylene, polyethylene, PTFE and thermoplastic rubbers
- USP Class VI approval for use in medical devices

PR5

PR20

PR40

PR100

PR600

PR1500



### Surface Insensitive

- Designed for high-strength applications
- Multi-purpose adhesive for bonding plastics, rubbers, wood, leather and metals
- Full range of viscosities available including a thixotropic gel for gap-filling applications

SI40

SI100

SI1500

SI GEL

### General Purpose

- High-strength adhesive
- Particularly high-bond strength on metals
- Good adhesion can also be achieved on most rubbers and plastics

EC40

EC100

EC1500

EC2500

### Extra Fast

- Very fast-curing adhesive
- Medium viscosity
- Formulated for instant bonding of paper, leather, wood, plastics, rubbers and metals

XF100

### Low Odour

- Low-odour, low-bloom adhesive
- Used for applications where cosmetic appearance is important
- Will not attack low-density foams such as expanded polystyrene

L05

L0100

L01000

### Metal Bonding

- General-purpose adhesive which bonds most substrates
- High-strength, multi-purpose bonding adhesive
- Bonds a wide range of materials including most plastics, rubbers and metals

MC40

MC100

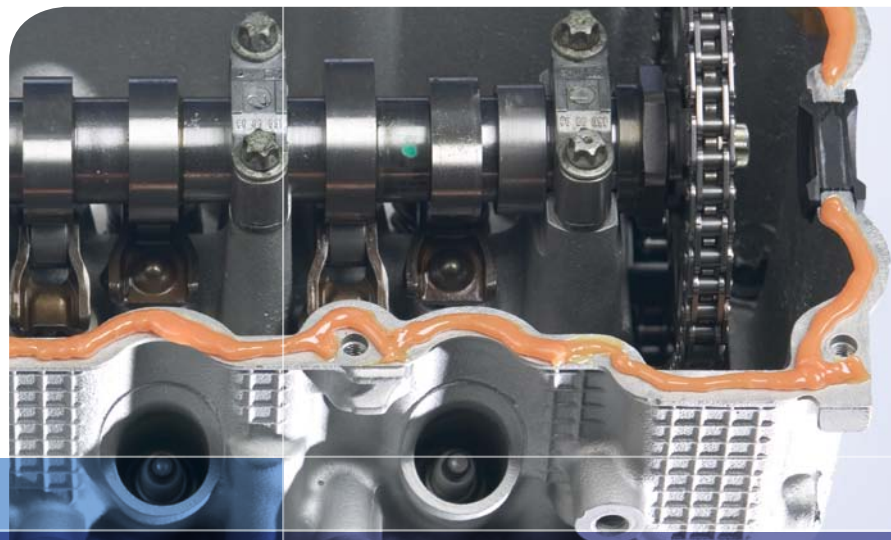
MC1500



# Vehicle Repair and Maintenance

Scotch-Weld engineering adhesives offer a comprehensive range of products for mechanical repair and maintenance of vehicles. These adhesives combine high performance, consistent quality and are available at an attractive price - all key demands of for the automotive trade.

Threadlocking	TL43	<ul style="list-style-type: none"> <li>• Medium strength threadlocker</li> <li>• Vibration resistant</li> <li>• Parts can be dismantled with normal hand tools</li> </ul>
	TL70	<ul style="list-style-type: none"> <li>• High strength threadlocker</li> <li>• Vibration resistant</li> <li>• For permanent use on nuts, bolts and heavy duty fasteners</li> </ul>
Pipe Sealant	PS77	<ul style="list-style-type: none"> <li>• Pipe Sealant</li> <li>• Can be used to seal coarse threads</li> <li>• WRAS Approval</li> </ul>
Retaining	RT48	<ul style="list-style-type: none"> <li>• High temperature retaining compound</li> <li>• High strength</li> <li>• Eliminates fretting and corrosion</li> </ul>
Gasket Maker	GM10	<ul style="list-style-type: none"> <li>• Suitable for high temperature applications</li> <li>• Designed for use on rigid flanges</li> <li>• Provides rapid low-pressure seal</li> </ul>
	GM18	<ul style="list-style-type: none"> <li>• Ideal for use on rigid flanges</li> <li>• Highly flexible</li> <li>• High-viscosity thixotropic paste</li> </ul>





## Maintenance, Repair and Overhaul (MRO)

Our portfolio of engineering adhesives offer complete solutions to meet your maintenance operation needs.

Our core range of products for the MRO market is outlined below.

Threadlocking	TL43	<ul style="list-style-type: none"> <li>• Medium strength threadlocker</li> <li>• Vibration resistant</li> <li>• Parts can be dismantled with normal hand tools</li> </ul>
	TL70	<ul style="list-style-type: none"> <li>• High strength threadlocker</li> <li>• Vibration resistant</li> <li>• For permanent use on nuts, bolts and heavy duty fasteners</li> </ul>
Instant Adhesive	SF20	<ul style="list-style-type: none"> <li>• Very fast-curing cyanoacrylate adhesive</li> <li>• Suitable for bonding a wide range of materials including acidic surfaces</li> <li>• Formulated for the bonding of plastics, rubbers, paper, leather and metals</li> </ul>
	PR100	<ul style="list-style-type: none"> <li>• High-strength, multi-purpose bonding of most plastics and rubbers</li> <li>• Can bond difficult-to-bond-to plastics such as polypropylene, polyethylene, PTFE and thermoplastic rubbers</li> </ul>
	RT3500B	<ul style="list-style-type: none"> <li>• Rubber-toughened adhesive</li> <li>• Provides a more flexible bond than standard cyanoacrylates</li> <li>• Displays excellent peel and impact strength</li> </ul>
Pipe Sealant	PS77	<ul style="list-style-type: none"> <li>• Pipe Sealant</li> <li>• Can be used to seal coarse threads</li> <li>• WRAS Approval</li> </ul>
Gasket Maker	GM18	<ul style="list-style-type: none"> <li>• Ideal for use on rigid flanges</li> <li>• Highly flexible</li> <li>• High-viscosity thixotropic paste</li> </ul>
Retaining	RT01	<ul style="list-style-type: none"> <li>• High strength retaining compound</li> <li>• Eliminates fretting and corrosion</li> <li>• Can be used on oily parts</li> </ul>

# Resellers

Our wealth of experience and expertise with supplying Industrial Adhesives means that we understand the need to focus on key fast moving products. The Scotch-Weld range has a great complementary fit with companies supplying products such as bearings, fixings, fastenings and many more.

We have put together a core product package for resellers and this suggestion is below, of course we are also happy to discuss more bespoke requirements.

Threadlocking	TL43	<ul style="list-style-type: none"> <li>• Medium strength threadlocker</li> <li>• Vibration resistant</li> <li>• Parts can be dismantled with normal hand tools</li> </ul>
	TL70	<ul style="list-style-type: none"> <li>• High strength threadlocker</li> <li>• Vibration resistant</li> <li>• For permanent use on nuts, bolts and heavy duty fasteners</li> </ul>
	TL90	<ul style="list-style-type: none"> <li>• High strength</li> <li>• Penetrating adhesive</li> <li>• Very low viscosity</li> </ul>
Instant Adhesive	SF100	<ul style="list-style-type: none"> <li>• Very fast-curing cyanoacrylate adhesive</li> <li>• Suitable for bonding a wide range of materials including acidic surfaces</li> <li>• Formulated for the bonding of plastics, rubbers, paper, leather and metals</li> </ul>
	PR100	<ul style="list-style-type: none"> <li>• High-strength, multi-purpose bonding of most plastics and rubbers</li> <li>• Can bond difficult-to-bond-to plastics such as polypropylene, polyethylene, PTFE and thermoplastic rubbers</li> </ul>
	RT3500B	<ul style="list-style-type: none"> <li>• Rubber-toughened adhesive</li> <li>• Provides a more flexible bond than standard cyanoacrylates</li> <li>• Displays excellent peel and impact strength</li> </ul>
	SI GEL	<ul style="list-style-type: none"> <li>• Designed for high-strength applications</li> <li>• Multi-purpose adhesive for bonding plastics, rubbers, wood, leather and metals</li> <li>• Full range of viscosities available including a thixotropic gel for gap-filling applications</li> </ul>
Pipe Sealant	PS77	<ul style="list-style-type: none"> <li>• Pipe sealant</li> <li>• High-viscosity thixotropic pipe sealing paste</li> <li>• Locks and seals medium to coarse straight and tapered threads</li> </ul>
Gasket Maker	GM74	<ul style="list-style-type: none"> <li>• Multi-purpose gasket</li> <li>• General-purpose flange sealant</li> <li>• Can be dismantled after prolonged use</li> </ul>
Retaining	RT01	<ul style="list-style-type: none"> <li>• High strength</li> <li>• Eliminates fretting and corrosion</li> <li>• Oil-tolerant</li> </ul>
	RT48	<ul style="list-style-type: none"> <li>• High-temperature retaining compound</li> <li>• High strength</li> <li>• Eliminates fretting and corrosion</li> </ul>
Surface Preparation	AC70	<ul style="list-style-type: none"> <li>• Hydrocarbon solvent-based activator</li> <li>• Designed to remove contamination from surface substrate before bonding</li> </ul>

# Engineering Services Companies

Fixing problems quickly and efficiently are key requirements for all engineering services companies. You're under pressure to provide solutions and we understand that you need a core range of products to help you deliver this. Our extensive work with Service Engineers has highlighted the below core range of Scotch-Weld adhesives.

Threadlocking	TL43	<ul style="list-style-type: none"> <li>• Medium strength threadlocker</li> <li>• Vibration resistant</li> <li>• Parts can be dismantled with normal hand tools</li> </ul>
	TL70	<ul style="list-style-type: none"> <li>• High strength threadlocker</li> <li>• Vibration resistant</li> <li>• For permanent use on nuts, bolts and heavy duty fasteners</li> </ul>
Instant Adhesive	SF20	<ul style="list-style-type: none"> <li>• Very fast-curing cyanoacrylate adhesive</li> <li>• Suitable for bonding a wide range of materials including acidic surfaces</li> <li>• Formulated for the bonding of plastics, rubbers, paper, leather and metals</li> </ul>
Pipe Sealant	HP42	<ul style="list-style-type: none"> <li>• Hydraulic sealant</li> <li>• Used on pneumatic and hydraulic installations</li> <li>• Can be used for fine fittings with diameters up to 15mm</li> </ul>
	PS77	<ul style="list-style-type: none"> <li>• Pipe sealant</li> <li>• High-viscosity thixotropic pipe sealing paste</li> <li>• Locks and seals medium to coarse straight and tapered threads</li> </ul>
Gasket Maker	GM10	<ul style="list-style-type: none"> <li>• Suitable for high temperature applications</li> <li>• Designed for use on rigid flanges</li> <li>• Provides rapid low-pressure seal</li> </ul>
	GM18	<ul style="list-style-type: none"> <li>• Ideal for use on rigid flanges</li> <li>• Highly flexible</li> <li>• High-viscosity thixotropic paste</li> </ul>
Surface Preparation	AC70	<ul style="list-style-type: none"> <li>• Hydrocarbon solvent-based activator</li> <li>• Designed to remove contamination from surface substrate before bonding</li> </ul>





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