



Automotive Aftermarket Division

3M™ 1K General Purpose Polyurethane Sealer (Sachet)

1) Part Numbers

Grey	08782	: 310ml sachet
	08783	: 600ml sachet
White	08787	: 310ml sachet
	08788	: 600ml sachet
Black	08789	: 310ml sachet
	08793	: 600ml sachet
	Black	

Dispensing systems:

- 08006: air-powered 310 ml sachet gun
- 08007: air-powered 600 ml sachet gun
- 08013: manual gun (310 ml sachet)
- 08993: universal pneumatic gun (310 ml sachet)

2) Description and end uses

A one part general purpose polyurethane sealer, with excellent adhesive properties, suitable for bonding and sealing interior and exterior seams, presented in sachet. It cures to form a permanent, flexible seal.

The product is available in three colours: grey, white and black and two sizes: 310 and 600 ml.

Designed for use with either the 3M™ 08006 pneumatic gun for 310 ml sachets; 3M™ 08007 pneumatic gun for 600 ml sachets or the 3M™ 08013 manual gun.

Major features:

- Easy extrusion (consistent flow)
- No sag
- No string
- Quick overpaintability (30 minutes)
- High final hardness
- Short curing time in difficult conditions (low humidity, low temperature)
- Easy to dispose of



Technical Data Sheet

Effective: 28/02/2020 Supersedes: 20/01/1999

- Packaging not dentable
- They have excellent water, oil and petrol resistance

End uses:

- Door hemming flange seam sealing
- Gap filling between panels
- Over-lapping joints
- Roof corners
- Floor pans
- Round seams and brushable seams

3) Physical Properties

Base	1 part moisture curing polyurethane	
Consistency	Thixotropic paste	
Density	1.17 White - Grey 1.12 Black	
Solvent	Aromatic and aliphatic	
Solids content	92%	
Tack Free Time	23°C, 55% R.H. : 10°C, 40% R.H. :	30 - 35 minutes Approx. 2 hours
Handling Time	20°C, 55% R.H. :	1 hour 30 minutes
Cure through rate	≥ 4 mm after 24 hours	
Shore A hardness	<ul style="list-style-type: none">• 20 after 24 hours• 50 final hardness	
Tensile strength at break	1.5 MPa	
Elongation at break	500 %	
Overpaintability	<ul style="list-style-type: none">• 30 minutes with solvent based paint• minimum 45 minutes with water based paint	
Temperature resistance	- 40°C to + 90°C	
Temperature of application	+ 5°C to + 35°C	
Storage conditions	Cool dry place. Best results are obtained when material is stored and applied at room temperature, 15 to 30°C. Storage temperature must not exceed 50°C.	



Technical Data Sheet

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Shelf life	12 months from date of manufacture under normal storage conditions. Refer “Lot Number” and “Best Before Date” on sachet.
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4) Directions for Use

- Removal all dirt, grease and old sealant and clean with 3M™ 08984 Adhesive Cleaner.
- Insert the sachet into the gun.
- Cut the end of the sachet close to the metal clip.
- Insert the remaining aluminium foil into the nozzle and screw back the gun end.
- Cut the nozzle to required shape and secure onto the sachet with the gun locking ring.
- Use with 3M™ applicator 08007 and dispense between 2 and 5 bar.

Note: A small amount of sealer should be left protruding from the nozzle tip after use.

This will aid the removal of the cured plug of sealer which will form if the opened sachet is left unused for any length of time.

5) Storage

Store at room temperature in flammables storage area. Rotate stock on a “first-in-first-out” basis. When stored at the recommended conditions in original, unopened containers, this product has a shelf life see container for details. Use in a well-ventilated area.

6) Safety

Please refer to the Material Safety Data Sheet or contact your local 3M™ Toxicology Department.

3M™ 1K General Purpose Polyurethane Sealer (Sachet) is designed FOR PROFESSIONAL INDUSTRIAL USE ONLY.

7) Disclaimer

All statements, technical information and recommendations are based on tests we believe to be reliable but the accuracy or completeness thereof is not guaranteed. Please ensure before using our product that it is suitable for your intended use. All questions of reliability relating to this product are governed by the Terms of Sale subject, where applicable, to the prevailing law.



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