

## Aerospace Sealant AC-240 Class "B" Sealant 3M Product

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**AC240 Sealant**, 3M™ Aerospace Sealant AC-240 Class B is a two-part, polysulfide-based, long application life, quick cure product for use as a sealant for integral fuel tanks and fuselages. This twocomponent, manganese dioxide cured sealant is solvent free and has outstanding resistance to aviation gasoline and jet fuel, as well as resistance to chemicals and petroleum products common to the aircraft industry. 3M Aerospace Sealant AC-240 Class B maintains flexibility and bond strength on most metal substrates such as: aluminum, titanium, steel, stainless steel, glass, and many coatings under extremes of temperature, weathering and stress. The mixed compound has low-sag consistency and can be readily applied with a spatula or extrusion gun on vertical surfaces.

| Our Part Number | Description                                    | Stocked |
|-----------------|--|---------|
| 051141-57941    | SEALANT-AC240B1/2 3.5oz kit (1/2 hour curing)  | *       |
| 051141-57948    | SEALANT-AC240B1/2 1 PINT TIN (1/2 hour curing) | *       |
| 051141-57959    | SEALANT-AC240B2 3.5oz kit (2 hours curing)     | *       |
| 051141-57966    | SEALANT-AC240B2 1 PINT TIN (2 hours curing)    | *       |



**Typical Physical and Performance Properties** of Cured Compound after 14 Days @ 77°F/50% RH when tested per AMS-S-8802.

- 1) Application life** refers to the length of time the mixed compound remains at a consistency suitable for application with spatula or caulking gun. Application life is always measured as a standard temperature of 77°F with a relative humidity level of 50%. In general, for every 20°F rise in temperature, the application life is halved; and for every 20°F drop, it is doubled. High humidity levels during the mixing process will shorten application life.
- 2) Tack-free time** is the length of time after which a mixed sealant will no longer tightly adhere to L-LP-690 standard low density polyethylene film.
- 3) Cure time** is defined as the length of time it takes 3M Aerospace Sealant AC-240 Class B to reach 30A hardness. It depends on three factors: remaining application life, temperature and relative humidity. The temperature/humidity factors for application life also apply to curing. To accelerate the curing process, apply heat up to (but not more than) 150°F.

All measurements are Imperial

\*Carried on shelf