

**3M Part No.(s)**

06500  
05203  
05206  
21463

**3M Part Descriptor(s)**

10 fl. oz. cartridge (295 ml) - White  
3 fl. oz. tube (90 ml) - White  
1fl. oz. tube (30 ml) - White  
5 gal. pail (18.93 L) - White

Vermont Agency of Transportation

**RECEIVED**

ON: August 25, 2014

and Checked for

**CONFORMANCE**

BY: Jennifer Fitch DATE: 08/27/2014

06504  
05205

10 fl. oz. cartridge (295 ml) - Black  
3 fl. oz. tube (90 ml) - Black

06502

10 fl. oz. cartridge (295 ml) - Mahogany

**Description**

3M™ Marine Adhesive/Sealant 5200 is a one-part polyurethane that chemically reacts with moisture to deliver strong, flexible bonds. It has excellent adhesion to wood, gelcoat and fiberglass. It forms a watertight, weather-resistant seal on joints and boat hardware, above and below the waterline. In addition, its flexibility allows for dissipation of stress caused by shock, vibration, swelling or shrinking.

**Features**

- Tough/flexible polyurethane polymer
- Non-shrinking
- One-part moisture cure
- Long working time

**Typical Physical Properties**

|                              |  |
|------------------------------|--|
| Base                         | Polyurethane   |
| Density lbs/Gallon (Approx.) | 11.3 lbs/gallon                                      |
| Color                        | White  |
| Solids Content (Approx.)     | 97%  |
| Consistency                  | Medium paste   |
| Service Temperature - °F     | -40°F (-40°C) to 190°F (88°C)                        |
| Shore A Hardness (cured)     | 68   |
| Specific Gravity             | 1.36   |
| Coverage (10 oz.)            | 1/8 inch (0.3175 cm) bead = 120 lineal feet (36.6 m) |

**Performance Properties****Tensile, Elongation, and effect of water submersion:**

A 1/8-inch (0.3175 cm) dumbbell specimen with a 1/8-inch (0.3175 cm) square cross section was tested at 2.0 inches/minute (5.08 cm/minute). All samples tested at 50% Relative Humidity and 70°F (21°C).

**T.Y. LIN INTERNATIONAL**

THE STAMPED DOCUMENTS ARE HEREBY:

APPROVED  
 APPROVED AS NOTED  
 REVISE AND RESUBMIT

SEE TRANSMITTAL FOR ADDITIONAL INFORMATION AS APPLICABLE.

THIS REVIEW IS FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT ONLY. ANY DEVIATION FROM THE PLANS OR SPECIFICATIONS NOT CLEARLY NOTED BY THE CONTRACTOR HAS NOT BEEN REVIEWED. REVIEW BY THE ENGINEER SHALL NOT RELIEVE THE CONTRACTOR OF THE CONTRACTUAL RESPONSIBILITY FOR ANY ERRORS OR DEVIATION FROM THE CONTRACT REQUIREMENTS.

JOSH OLUND  
REVIEWER

08/26/2014  
DATE