

## Mighty Seal Neutral

### All-purpose Silicone

#### Product Description

Pioneer Pro Mighty Seal Neutral is a non-corrosive neutral cure premium grade adhesive silicone sealant which can be used to meet a variety of general industrial sealing and gasketing needs. It cures to silicone rubber and adheres to clean glass, wood, metal, porcelain, ceramic tile, many plastic surfaces including vinyl, painted surfaces and rubber.

#### Key Features

- Non-corrosive
- Neutral Cure/Low Odor
- Medium modulus
- VOC compliant
- Permanently flexible
- Waterproof/weatherproof



#### Product Specifications / Typical Properties / Physical Characteristics

**Table 1. Physical Properties, Uncured State**

Parameters	Results
Color	Clear
Odor	Oxime
Sag(mm)	Nil
Tack Free Time	8-20 minutes
Specific Gravity	1.01
Extrusion Rate	290 g/min
Cure Thru Time	24 hours

**Table 2. Physical Properties, Cured State**

Parameters	Results
Hardness, Shore A	Minimum 15
Tensile Strength	200 psi
Elongation	400%
Service Temperature	-40°C to 162°C
Application Temperature	-35°C to 60°C

#### Applications

- Seals Electrical equipments
- Bonds appliance parts
- Vinyl
- Wood windows
- Aluminum steel doors
- Glass windows
- Plastic doors

#### Limitations

- Applications involving prolonged submersion in water, including aquariums
- Surfaces that require painting
- Totally confined spaces, as sealant needs atmospheric moisture for curing
- Structural glazing

#### Application Procedure

##### Surface Preparation

Thoroughly clean and dry surface from oil, dirt and grease.

##### Method

1. Cut nozzle to desired size.
2. Insert cartridge into caulking gun.
3. Push sealant ahead for uniform bead. Tool with 5 minutes.
4. Clean of excess sealant with solvent

**Note:** The cure progresses inward from the surface. The sealant forms a tack skin free at a minimum of 8 minutes at room temperature. Tooling is not practical after this skin begins forming and should be completed in 5-7 minutes from application, even though this may require alternate periods of applying and tooling.

#### Application Equipment

Caulking gun

**Packaging**

300 mL cartridge

**Storage**

Store in a cool dry area and away from direct sunlight. Keep containers securely sealed. Store away from food and incompatible materials. The storage stability will at least 12 months from date of manufacture.

**Shelf Life**

12 months

**Health and Safety Precautions**

**CAUTION:** Direct contact of uncured sealant irritates eyes and may irritate skin. Over exposure to vapour may irritate eyes, nose and throat. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hands.

**IN CASE OF EYE CONTACT:** Flush eyes with water for 15 minutes. Then seek medical attention

**IN CASE OF SKIN CONTACT:** Remove from skin and flush with water

**KEEP OUT OF REACH OF CHILDREN.**

**Warranty and Disclaimers**

Unless an additional warranty is specifically stated on the applicable product packaging or product literature, Pioneer warrants that each Pioneer product conforms with the applicable Pioneer product specification at the time of shipment, and when properly used and maintained in accordance with Pioneer's current published Technical Data Sheet (TDS), will serve the purpose for which it is intended. The recommendations and statements in Pioneer's TDS are based on good building practice but are not, by any means, an exhaustive statement of all relevant information. Pioneer shall not be liable for the recommendations in its TDS and the performance of the relevant Product. Pioneer shall also not be liable for any

claims, damages or defects arising from, or in any way attributable to poor workmanship, incorrect design or detailing, use of the Pioneer product in unsuitable conditions, and force majeure.

Pioneer MAKES NO OTHER WARRANTIES, CONDITIONS OR REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOMER OR USAGE OF TRADE. If the Pioneer product does not conform to this warranty, then the sole and exclusive remedy is, at Pioneer's option, the replacement of the Pioneer product or refund of the purchase price.

**Limited Liability**

Except where prohibited by law, Pioneer will not be liable for any loss or damage arising from the use or application of the Pioneer product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.