Blue Monster is a blue color-coded, professional-density, PTFE thread sealing tape for hundreds of applications. It creates dependable, leak-proof joints.

Blue Monster thread sealing tape is manufactured from PTFE resin, a polymer consisting of recurring tetrafluoroethylene monomers whose formula is \((\text{CF}_2\text{-CF}_2)_n\). It is inert and compatible with a very wide range of materials. Use Blue Monster on threads made from galvanized steel, iron, brass, copper, aluminum, stainless steel, polyethylene, polypropylene, PVC, CPVC, ABS, fiberglass and more. It can be used on pipes carrying the following:

- Acids, concentrated (see precautions)
- Acids, dilute
- Air, compressed
- Alcohols
- Aliphatic solvents
- Ammonia, liquid
- Aromatic solvents
- Caustics, concentrated (see precautions)
- Chlorinated solvents
- Cutting oils
- Diesel fuel oil
- Ethylene glycol
- Fatty acids
- Gasohol
- Glycerine
- Heating oils
- Hydraulic fluids
- Hydraulic oils
- Hydrogen, gaseous and liquid
- Inert gases, gaseous and liquid
- Jet fuel
- Kerosene
- Ketones
- Liquid Petroleum Gas
- Mineral oils
- Natural gas
- Nitrogen, gaseous and liquid
- Petroleum solvents
- Soap, liquid
- Steam
- Vegetable oils
- Water

For a more-detailed list of chemicals compatible with Blue Monster, contact Mill-Rose.

Characteristics

- A new, thicker, professional-grade density
- Monstrous roll (1/2"x1429")
- Seals threads effectively in more applications
- No need for pipe dope.
- Easier to use - no waste!
- All purpose - use on iron, brass, copper, aluminum, stainless steel, galvanized steel, polyethylene, polypropylene, PVC, CPVC, ABS, fiberglass and more.

Point-of-sale display contains 45 rolls.

7310 Corporate Blvd., Mentor, OH 44060
Precautions

Note. Keep Mill-Rose Blue Monster Thread Sealing Tape clean. Replace the clip on the spool after use. Store in a clean place. PTFE is virtually chemically resistant to all media, however there are a few exceptions. Alkali metals such as elemental sodium, potassium and lithium are to be avoided. These alkali metals remove fluorine from the polymer molecule. Extremely potent oxidizers such as fluorine (F₂) and related compounds (e.g., chlorine trifluoride(CIF₃)) can be handled by PTFE, but only with great care. Since fluorine is absorbed into the resin, the mixture becomes sensitive to a source of ignition such as impact. Other media to avoid are 80% NaOH or KOH, metal hydrides such as boranes (e.g., B₂H₆), aluminum chloride, ammonia (NH₃), certain amines (R-NH₂), imines (R-NH) and 70% nitric acid at temperatures near the suggested service level.

Do not use Mill-Rose Blue Monster Thread Sealing Tape on oxygen lines!

Mill-Rose recommends Green Oxygen Tape for oxygen lines. For further safety details consult the Material Safety Data Sheet.

Note. Mill-Rose Blue Monster Tape is compatible with most gases, but for gas lines, Mill-Rose 3-Wrap Yellow Gas Seal Tape is recommended.

Limited Liability

The information presented is in good faith, but no warranty is given nor are the results guaranteed. Since we have no control over the physical conditions surrounding the application of information herein contained, Mill-Rose disclaims any liability for untoward results.

Specifications

| Composition | 99.6% PTFE < 0.4% Pigment |
| Color       | Blue                     |
| Length      | 1429"                    |
| Width       | Varies by Part#          |
| Thickness   | 0.0035" +/- 10%          |
| Density     | 0.8g/cm³                 |
| Elongation  | >100%                    |
| Tensile strength | 15N / mm²            |
| Pressure rating | Mill-Rose Blue Monster Thread Sealing Tape has been used to seal fittings carrying water and oil at pressures up to 10,000 PSI or 69,000kPa |
| Temperature range | -450°F to +500°F (-268°C to +260°C) |

Pressure is completely stable up to +500°F or +260°C. Decomposition is slow up to 750°F or 400°C. Although decomposition will occur on contact with naked flames.

Instructions

Fittings up to 1½" (38mm) diameter

1. Use ½" (12mm) wide tape
2. Clean the male and female threads thoroughly
3. Wrap the tape around the male thread. Take care to keep the tape under tension as you are wrapping so the tape molds itself into the root of the thread.
4. Make sure that you wrap with the thread.
5. Make sure that the tape does not overlap the end of the fitting.
6. Three wraps seal most threads.

Note. For poor quality or damaged threads, or threads that are hard to seal like parallel threads, or threads on fittings subject to vibration, more than three wraps may be necessary.

Dist. by: BEST MATERIALS® Ph: 800-474-7570 www.BestMaterials.com Email: Sales@BestMaterials.com
Blue Monster™ PTFE Thread Seal Tape

Blue Monster PTFE Thread Seal Tape is a thicker, denser, general-purpose thread seal tape that comes in a monstrous 1,429" roll. That's 5 times more tape than conventional rolls of low-density thin tapes. Fewer wraps are necessary to affect a leak-proof seal and it applies easily. No waste and no re-taping make sealing joints a breeze. Now available in a smaller roll, Mini-Monster PTFE thread sealant tape.

Blue Monster thread sealing tape is manufactured from PTFE resin, a polymer consisting of recurring tetrafluoroethylene monomers whose formula is (CF2-CF2)n. It is inert and compatible with a very wide range of materials. Use Blue Monster on threads made from galvanized steel, iron, brass, copper, aluminum, stainless steel, polyethylene, polypropylene, PVC, CPVC, ABS, fiberglass and more. It can be used on pipes carrying the following:

<table>
<thead>
<tr>
<th>Cat. #</th>
<th>Description</th>
<th>Std. Pkg.</th>
<th>Wgt./Pkg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>70660</td>
<td>1/2&quot; x 260&quot; roll</td>
<td>144</td>
<td>5.5 lbs.</td>
</tr>
<tr>
<td>70661</td>
<td>1/2&quot; x 520&quot; roll</td>
<td>144</td>
<td>7.5 lbs.</td>
</tr>
<tr>
<td>70662</td>
<td>3/4&quot; x 260&quot; roll</td>
<td>100</td>
<td>5.0 lbs.</td>
</tr>
<tr>
<td>70663</td>
<td>3/4&quot; x 520&quot; roll</td>
<td>100</td>
<td>7.0 lbs.</td>
</tr>
<tr>
<td>70664</td>
<td>1&quot; x 260&quot; roll</td>
<td>120</td>
<td>8.0 lbs.</td>
</tr>
<tr>
<td>70665</td>
<td>1&quot; x 520&quot; roll</td>
<td>120</td>
<td>11.0 lbs.</td>
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<tr>
<td>70885</td>
<td>1/2&quot; x 1429&quot; roll</td>
<td>45</td>
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</tr>
<tr>
<td>70886</td>
<td>3/4&quot; x 1429&quot; roll</td>
<td>27</td>
<td>5.0 lbs.</td>
</tr>
<tr>
<td>70887</td>
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<td>5.75 lbs.</td>
</tr>
<tr>
<td>70888</td>
<td>2&quot; x 1429&quot; roll</td>
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<td>11.40 lbs.</td>
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1 of 6