DO YOU PRACTICE: S.T.A.M.P.E.D.?

PT® is committed to keeping hose assemblers, users and the environment safe. When assembling your hose, please use safe practices and follow NAHAD’s Hose Safety Institute (HSI) Guidelines to help us keep that vision of creating a safer work environment and a healthier planet.

PT believes in safety, so it is important that hose assemblers be familiar with the HSI’s standard known as “S.T.A.M.P.E.D.:

- **SIZE:** I.D. and length; any O.D. constraints
- **TEMPERATURE:** Material temperature conveyed and environmental conditions
- **APPLICATION:** The conditions of use
- **MATERIAL:** Media being conveyed, type and concentration
- **PRESSURE:** Assembly pressure that needs to be maintained
- **ENDS:** Style, type, orientation, attachment methods, etc.
- **DELIVERY:** Testing requirements and other requirements related to the customer

For more information on safe practices when assembling hoses, visit [NAHAD.org](http://NAHAD.org).

HOSE ASSEMBLY TOOLS

PT continually strives to offer tools to assist your hose shop in increasing its efficiency. Tools such as the Rolite PT3 Fitting Master, PT’s Hose Tool and the PT S8iXL Crimp Machine are some of the essentials for your hose shop.

CRIMP CALCULATOR APP

Along with the tools PT offers, the PT Crimp Calculator App which is the fast and easiest way to calculate hose crimping dimensions. The assembler simply fills out basic information on the hose and the ferrule/sleeve being used then submits to generate a final crimp diameter.

CALL 800-654-0320 / EMAIL: INFO@PTCOUPLING.COM
**STEP 1: SHANK-TO-HOSE GUIDE**

PT offers a wide range of shanks for the variety of hoses used throughout the industries. PT’s shanks are available in various materials and sizes ranging from aluminum to stainless steel and various corrosion resistant metals and from ½” to 12”.

Each shank’s profile provides a different feature for the hose for which it was designed. Refer to the table below for selecting which shank best fits your hose application.

<table>
<thead>
<tr>
<th>PT Standard</th>
<th>Low Profile</th>
<th>C50</th>
<th>Undersized with Bands</th>
<th>WSS</th>
<th>BRUSS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Hose</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Water Suction &amp; Discharge Hose</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Rubber Hose</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Bulk Transport Hose</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Air/Multi-Purpose Hose</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Material Handling Hose</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Teflon Lined Hose</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>PVC Hose</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Lay Flat Hose</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Food Industry &amp; Transfer Hose</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Cleaning Service Hose</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Acid &amp; Chemical Hose</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Fire Suppression Hose</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

PT Standard

- **Lead-In**: Easier installation of the fitting into the hose
- **Relief Bulb**: Protects the hose during the crimping process
- **Uniform Barbs**: Ideal for maximum hose retention in crimping applications

PT’s C50 Shank provides a solution for the vast variations of hoses. PT’s C50Hd ferrules are available with a serrated internal ID for extreme chemical and petroleum applications.

**C50 Shank**

- **ProGrip™ Sleeves**: Sleeve/Ferrule compatible
- **Punch-Lok® Band Clamps**: Sleeve/Ferrule/Band Clamp compatible

**STEP 2: SHANK STYLES**

Next to selecting the best hose for the application is choosing the best fitting for your hose. PT specializes in quick connect/disconnect couplings and other filling ends for nearly every industry.

The information below is an overview of what shanks are best used for the different retention methods as well as the features and benefits of each shank.

**STEP 3: RETENTION PRODUCTS**

Punch-Lok’s extensive high-quality banding product line has every solution needed in hose banding applications. Punch-Lok banding products are available in stainless steel, galvanized stainless steel, or other metals. Check out our online catalog to view our various banding tools and equipment.

PT’s ProGrip line of sleeves and ferrules are the toughest in the chemical, sanitary, and industrial applications. Each sleeve or ferrule has greater structural integrity due to their extended manufacturing process. PT’s C50Hd ferrules are available with a serrated internal ID for extreme chemical and petroleum applications.

- **PT WSS Shank**: PT’s solution to wine hose fittings.
  - **Uniform Barbs**: Ideal for maximum hose retention in crimping or banding applications
  - **Punch-Lok® Band Clamps**: Sleeve/Ferrule/Band Clamp compatible

- **PT BRUSS Shank**: PT’s solution to brewery hose fittings.
  - **Uniform Barbs**: Ideal for maximum hose retention in crimping or banding applications
  - **Punch-Lok® Band Clamps**: Sleeve/Ferrule/Band Clamp compatible

Call your local PT Representative today or go online to find out how PT has solutions for your needs!
PT® is committed to keeping hose assemblers, users and the environment safe. When assembling your hose, please use safe practices and follow NAHAD’s Hose Safety Institute (HSI) Guidelines to help us keep that vision of creating a safer work environment and a healthier planet.

PT believes in safety, so it is important that hose assemblers be familiar with the HSI’s standard known as “S.T.A.M.P.E.D.:

**DO YOU PRACTICE: S.T.A.M.P.E.D.?**

- **Size:** I.D. and length; any O.D. constraints
- **Temperature:** Material temperature conveyed and environmental conditions
- **Application:** The conditions of use
- **Material:** Media being conveyed, type and concentration
- **Pressure:** Assembly pressure that needs to be maintained
- **Ends:** Style, type, orientation, attachment methods, etc.
- **Delivery:** Testing requirements and other requirements related to the customer

For more information on safe practices when assembling hoses, visit [NAHAD.org](http://NAHAD.org).

**HOSE ASSEMBLY TOOLS**

PT continually strives to offer tools to assist your hose shop in increasing its efficiency. Tools such as the Rolite PT3 Fitting Master, PT’s Hose Tool and the PT S8iXL Crimp Machine are some of the essentials for your hose shop.

**CRIMP CALCULATOR APP**

Along with the tools PT offers, the PT Crimp Calculator App which is the fast and easiest way to calculate hose crimping dimensions. The assembler simply fills out basic information on the hose and the ferrule/sleeve being used then submits to generate a final crimp diameter.

**CALL 800-654-0320 / EMAIL: INFO@PTCOUPLING.COM**

www.ptcoupling.com