CITY OF AUSTIN
STANDARD PRODUCTS LIST
for
JOINT RESTRAINT DEVICES FOR PVC PIPE

USING DEPARTMENT: Austin Water PREPARED BY: Jeff A. Kyle, P.E. ISSUED: 10/01/19
REVISED BY: Jeff A. Kyle, P.E. REVISED: 01/01/20

DESCRIPTION: Externally-mounted devices used to restrain PVC bell and spigot (push-on) joints and to restrain PVC pipe spigots to DI fittings and valves. The devices shall be of the wedge-action type or serrated grip-ring, joint harness type meeting the following criteria:

1. The primary components of these devices such as the restrainer gland body, wedge, wedge actuator, and grip-ring body shall be ductile iron.
2. The devices shall have a working pressure rating of 305 psi.
3. These devices are for use only on 4” – 16” diameter pipe.
4. Glands and grip rings shall be red.
5. Glands and grip rings shall have an epoxy or polyester thermoset powder coat or epoxy electrocoat (e-coat) finish. A top coat may be applied over the base powder coat or e-coat.
6. Wedges, actuating bolts, and torque control nuts that are part of wedge-action type devices shall have a fluoropolymer or e-coat finish. T-head bolts and nuts shall be plain high strength low alloy (HSLA) steel.
7. Threaded thrust rods and nuts and clamping bolts and nuts used with harness type devices shall be HSLA steel having a fluoropolymer finish.
8. All components necessary for installation of harness (bell-to-spigot) type devices shall be provided by the device manufacturer.
9. The only approved products are those having the exact same identification as listed below and only in the sizes indicated.

<table>
<thead>
<tr>
<th>LISTING DATE (See Note 1)</th>
<th>MANUFACTURER</th>
<th>PRODUCT IDENTIFICATION/COMMENT</th>
<th>APPROVAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/01/96</td>
<td>EBAA IRON, INC.</td>
<td>Megalug Series 2000PV (4” – 12”) Part No. 20xxPECY Series 1900 (4” – 12”) Part No. 19xx00Y</td>
<td>R. Lamb J. Kyle</td>
</tr>
<tr>
<td>10/01/00</td>
<td>UNI-FLANGE/DIVISION OF FORD METER BOX CO.</td>
<td>Uni-Flange: Series 1300 (4” – 12”) Part No. UFR-1300-C-xx-RB-RED-I/U Series 1390 (4” – 12”) Part No. UFR-1390-C-xx-RB-RED-I/U Series 1500 (4” – 16”) Part No. UFR-1500-C-xx-I/U</td>
<td>R. Lamb</td>
</tr>
<tr>
<td>04/01/98</td>
<td>STAR PIPE PRODUCTS, INC.</td>
<td>Stargrip Series 4000G2 (4” – 12”) Item Code PVCSPKSCB40xxG2</td>
<td>R. Lamb J. Kyle</td>
</tr>
<tr>
<td>11/26/01</td>
<td>SIGMA CORP</td>
<td>One-Lok SLCE (4” – 16”) Tag w/Part No. SLCE-X##</td>
<td>K. Flowers J. Kyle</td>
</tr>
<tr>
<td>07/01/09</td>
<td>TYLER UNION / DIVISION OF McWANE</td>
<td>TUFGrip Series 2000 (4” – 16”) Item Code MJ TUFGripTLP w/TUFBond Coating</td>
<td>R. Lamb</td>
</tr>
</tbody>
</table>
### CITY OF AUSTIN
### STANDARD PRODUCTS LIST
### for
### JOINT RESTRAINT DEVICES FOR PVC PIPE

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<tr>
<th>Date</th>
<th>Manufacturer</th>
<th>Product Description</th>
<th>Item Code/Part Number</th>
<th>Responsible Person</th>
</tr>
</thead>
</table>
| 04/01/17 | ACCUCAST (EG Foundry, China) 415 South 21st St. Waco, TX 76706 | Acculok ALPV (4" – 12")  
Item Code ALPVxx | J. Kyle |
| 04/01/17 | SIP INDUSTRIES (EF Foundry, China) 2900 Patio Dr. Houston, TX 77017 | EZ Grip EZP (4" – 16")  
Part No. EZPVCxxE:  
EZ Grip PTP Series (4" – 16")  
Part No. PTPVCxxEB | J. Kyle |

### NOTES:
1. If the listing date precedes the issue date of this SPL, the manufacturer had PVC joint restraint products originally included on SPL WW-27A.
2. Specifying or use of restraint devices outside the indicated size range requires prior approval by Austin Water on a project-by-project basis.
3. Warning tape shall be placed on the top of PVC pipe restrained by these devices. The warning tape shall be yellow and shall have black lettering at least 2 inches high that states "Restrained Joint / Junta de Restriccion" at intervals not exceeding 24 inches. The warning tape shall be polypropylene having a minimum thickness of 2 mils, a minimum width of 3 inches, and adhesive backing on the side opposite the lettering.
4. xx or ## in the Item Code or Part Number refers to the nominal size of the device.

[Inspector–show location of restrained pipe and fittings on intersection drawings. Also show on record drawings along with manufacturer's name.]

### LATEST REVISIONS:
1. Revised Description items 6, 7, and 8.
2. Added Ebaa’s Series 1900.
3. Edited Star’s identification.
4. Edited Sigma’s Part No.
4. Reinstated Tyler Union.