**BILL OF MATERIALS**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART #</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>1</td>
<td>12-01-01</td>
<td>Protection Cap</td>
<td>Nylon 6-6PA66 - according to ASTM D5062</td>
</tr>
<tr>
<td>2</td>
<td>12-01-02</td>
<td>Protection Cap</td>
<td>Stainless Steel 304L - according to ASTM A555</td>
</tr>
<tr>
<td>3</td>
<td>12-01-03</td>
<td>Protection Cap</td>
<td>Polyethylene - according to ASTM D2466</td>
</tr>
<tr>
<td>4</td>
<td>08-01-03</td>
<td>NPT Pipe 1/2”</td>
<td>SCH 40 steel</td>
</tr>
<tr>
<td>5</td>
<td>08-01-04</td>
<td>NPT Ball Valve 1/2”</td>
<td>SCH 40 steel</td>
</tr>
<tr>
<td>6</td>
<td>03-01-05</td>
<td>NPT Plug 1/2”</td>
<td>NBR - according to ASTM D3350</td>
</tr>
<tr>
<td>7</td>
<td>E-12-02-02</td>
<td>Wedge Plate</td>
<td>Steel AS/ CN657, normalized</td>
</tr>
<tr>
<td>8</td>
<td>12-02-02</td>
<td>Anchor</td>
<td>High Density Polyethylene - according to ASTM D3350</td>
</tr>
<tr>
<td>9</td>
<td>08-02-02</td>
<td>NPT Pipe 3/4”</td>
<td>SCH 40 steel</td>
</tr>
<tr>
<td>10</td>
<td>08-03-02</td>
<td>NPT Ball Valve 3/4”</td>
<td>SCH 40 steel</td>
</tr>
<tr>
<td>11</td>
<td>03-03-02</td>
<td>NPT Plug 3/4”</td>
<td>High Density Polyethylene - according to ASTM D3350</td>
</tr>
<tr>
<td>12</td>
<td>09-03-06</td>
<td>Wedge Pin</td>
<td>Steel AISI 12L14 - according to ASTM A108 + Heat treatment</td>
</tr>
<tr>
<td>13</td>
<td>12-05-06</td>
<td>Wedge Pin</td>
<td>Steel AISI C1045 Normalized</td>
</tr>
<tr>
<td>14</td>
<td>12-07-06</td>
<td>Anchor</td>
<td>High Density Polyethylene - according to ASTM D3350</td>
</tr>
<tr>
<td>15</td>
<td>12-08-06</td>
<td>Smooth Plastic Duct 3.35”</td>
<td>High Density Polyethylene - according to ASTM D3350</td>
</tr>
<tr>
<td>16</td>
<td>12-10-06</td>
<td>Steel Duct Coupler 3”</td>
<td>High Density Polyethylene - according to ASTM D3350</td>
</tr>
<tr>
<td>17</td>
<td>12-12-06</td>
<td>Steel Duct Coupler 2”</td>
<td>High Density Polyethylene - according to ASTM D3350</td>
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<tr>
<td>18</td>
<td>12-14-06</td>
<td>Steel Duct Coupler 1”</td>
<td>High Density Polyethylene - according to ASTM D3350</td>
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<tr>
<td>19</td>
<td>12-16-06</td>
<td>Vent Port 3/4” NPT PE</td>
<td>Polyethylene - according to ASTM D2466</td>
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<tr>
<td>20</td>
<td>12-18-06</td>
<td>Polyethylene - according to ASTM D2466</td>
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<tr>
<td>21</td>
<td>03-07-06</td>
<td>Steel Duct Coupler 8”</td>
<td>High Density Polyethylene - according to ASTM A168</td>
</tr>
<tr>
<td>22</td>
<td>12-07-07</td>
<td>Steel Duct Coupler 3”</td>
<td>High Density Polyethylene - according to ASTM A168</td>
</tr>
</tbody>
</table>

**INTERMEDIATE COUPLING DETAILS**

- **See installation procedure**
- **Replace 3/4" pipe (08-03-01-M) with 1/2" plug (08-01-01-M) after injection and inspection**
- **Pasting hole for inspection (to be kept off)**
- **Threaded hole 3/4" NPT**
- **Steel GR60, #4 - according to ASTM A615**
- **Steel AISI 12L14 - according to ASTM A108 + Heat treatment**
- **Sanctional Duct Coupler 3.35”**
- **Trumpet**
- **Vent Port 3/4" NPT PE**
- **Wall Anchor**
- **Compression Seal**
- **Anchorage for stressing**
- **Wedge Plate**
- **Compression Cap Bolts**
- **Compression Cap**
- **Protection Cap**
- **Protection Cap Bolts**
- **Protection Cap Ring**
- **Protection Cap Ring w/ segmental coupler**
- **PASSING HOLE**
- **BAR DIAMETER**
- **PITCH (P)**
- **DIAMETER (D)**
- **LENGTH (L)**

**INSTALLATION**

1. Preassemble anchor IAW and plastic transport (PT) bore silicone grease shall be used to facilitate the threading (and the compression of the gasket).
2. Bolt the assembled AN to the pocket former using the two threaded holes located on the front surface of AN. AN shall be placed perpendicular to the tendon’s axis and rotated such as the side injection hole points up.
3. The position of the spiral rebar (SR) shall be secured to the AN in an adjacent motor by tack-welding or proper fixing. The SR shall be rotated such that it won’t interfere with 3/4” NPT pipe attachment 2 using side injection hole. Align axis of SR with AN. Seat unused part in AN.
4. Install the smooth duct as shown on shop drawings and insert it into PT. sealing the connection by heat shrink sleeve be. If possible, with heat shrink limp or in order to prevent concrete from penetrating.
5. Carry out the pressure test.

Concreting can now proceed:

- After completion of concrete placement, remove the pocket former and prove that duct is clear of any obstructions or damage and that all injection vents are free and secured.
- Install strands by pushing or pulling individually as a bundle into duct. Allow sufficient extra length at the active anchorage for stressing.
- Check the wedge plate (WP) for run and dirt, clean wedge holes with wire brush if necessary. Lightly grease or clean wedge holes.
- Check wedges for rust. Discard rusty wedges and use only clean ones.
- Install the smooth plate bringing up the inspection hole, slide the wedge over the strands and securely place them into wedge holes.
- Do not apply post-tensioning forces until the concrete meets compressive strength f’c, it is less than the values shown on the spiral table. These values refer to cylindrical strength.

Stressing can now proceed:

- If appropriate clearance must be kept behind the hydraulic jack while stressing.
- Stressing operation shall be executed according to the engineering form and requires the simultaneous reading of pressure and elongation. Check the conformity of the final elongations measurement with prescribed values.
- Install the protection cap (PC) with O-ring sealing or all using six balls bore silicone grease shall be used to facilitate the compression of the O-ring.
- Replace 3/4" pipe for injection onto the PC and the N" NPT pipe onto AN. Use 1/2" plug to secure the hole on PC not used bore thread seal tape shall be used to improve the tightness of the threading.
- Carry out the pressure test.

Injection can now proceed:

- Wax shall be injected through the filler inlet until it escapes from the filler outlet. Special measures shall be applied for long tendons, for tendon paths with distinct high points or inclined tendon paths to avoid wicks.
- All vents and injection distributions have to be sealed with plugs once after injection.
- Fill holes with non-shrink grout after post injection operation and injection is completed.

**DC**
Replace 1/2" ball valve (00-01-04-M) with 1/2" female plug (00-01-06) at the end of operations.

Replace 3/4" ball valve (00-03-02-M) with 3/4" female plug (00-03-04) at the end of operations.

Replace 3/4" plug (00-03-03) at the end of operations.

Replace 3/4" ball valve (00-03-02-M) with 3/4" female plug (00-03-04) at the end of operations.

Replace 1/2" ball valve (00-01-04-M) with 1/2" female plug (00-01-06) at the end of operations.

NOTE:
 panicked in a vent, the vent cannot be used for injection / inspection;

Epoxy grout shall be used to fill recesses; make reference to FDoT standard plans index 462-003 for post-tensioning anchorage and tendon filling details.

Concrete cover must meet FDoT Structures Design Guidelines Section 1.4.2.

Components marked with “T” on the drawing are temporary.

BILL OF MATERIALS

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<tr>
<th>ITEM</th>
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<th>MATERIAL</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>XX-01-00*</td>
<td>Protection Cap</td>
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<td>Anchor</td>
<td>A4 Stainless Steel, according to ASTM A480 A286-50T</td>
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<tr>
<td>3</td>
<td>00-00-01-M</td>
<td>Smooth Plastic Duct</td>
<td>High Density Polyethylene - according to ASTM D3350</td>
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<tr>
<td>4</td>
<td>00-01-01-M</td>
<td>NPT Pipe Nipple 1/2&quot;</td>
<td>SCH40 steel</td>
</tr>
<tr>
<td>5</td>
<td>00-01-02-M</td>
<td>NPT Ball Valve 1/2&quot;</td>
<td>SCH40 steel</td>
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<td>00-01-03-M</td>
<td>NPT Plug 1/2&quot;</td>
<td>SCH40 steel</td>
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<tr>
<td>7</td>
<td>00-01-04-M</td>
<td>NPT Female Plug 1/2&quot;</td>
<td>SCH40 steel</td>
</tr>
<tr>
<td>8</td>
<td>00-01-05-M</td>
<td>NPT Pipe Nipple 3/4&quot;</td>
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<td>00-01-08-M</td>
<td>NPT Female Plug 3/4&quot;</td>
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<tr>
<td>15</td>
<td>00-01-12-M</td>
<td>NPT Female Plug 1&quot;</td>
<td>SCH40 steel</td>
</tr>
</tbody>
</table>

* depending from system dimension
5/16"-18UNC HEX BOLT, 3/4" LONG, WHOLE Threaded

5/16" TYPE A NARROW WASHER

ANoCHOR 12-03-00

PROTECTION CAP 12-01-00

Material: Stainless Steel GR316L - according to ASTM F593

Title: PROTECTION CAP BOLTS for 12AMTS15

Dimensions: 

Inch [mm]

0.541" [13.7mm]
0.312" [7.9mm]
0.065" [1.6mm]
0.688" [17.5mm]
0.344" [8.7mm]
0.750" [19.0mm]
0.219" [5.6mm]
NOTE:

- This drawing is not intended for manufacturing purposes.

SECTION A-A

ø6.98"  
(ø177.17mm)  

ø0.21"  
(ø5.34mm)  

CENTRO GUARNIZIONI TIGER s.r.l

PROTECTION CAP O-RING

for 12AMTS15 PT SYSTEM

TENSA AMERICA LLC

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1111 KANE CONCOURSE, STE 200 - BAY HARBOR ISLAND - 33154 FL

Drawn : L.CIVATI  
Checked : T.CICCONE

Date : 12/20/2016  
Code : OR 06700

Title :

Material :
NBR - according to FDoT Tab. 2.2.1.7-1 Sec. 960

Treatment :

-
WEDGE PLATE for 12AMTS15 [12-06"] External and Internal Unbonded systems

Material : Steel AISI C1045 Normalized

Treating : -

WEDGE PLATE for 12AMTS15 [12-06"] External and Internal Unbonded systems

Material : Steel AISI C1045 Normalized

Treating : -

WEDGE PLATE for 12AMTS15 [12-06"] External and Internal Unbonded systems

Material : Steel AISI C1045 Normalized

Treating : -

WEDGE PLATE for 12AMTS15 [12-06"] External and Internal Unbonded systems

Material : Steel AISI C1045 Normalized

Treating : -

WEDGE PLATE for 12AMTS15 [12-06"] External and Internal Unbonded systems

Material : Steel AISI C1045 Normalized

Treating : -
SECTION A-A

Mark on outer side

Top inspection access

ø3/4" NPT

ø3/4" NPT

7.48"
[190mm]

ø5.50" [139mm]

ø5.59" [142mm]

ø7.09" [180mm]

ø7.56" [192mm]

SECTION B-B

Front inspection access

ø3/4" NPT

Material:
Ductile Iron ASTM A536 GR80-55-06

Treatment:
Galvanization according to ASTM A123

Title:
ANCHOR 12AMTS15 (12-0.6")

Drawn: F.MORAGLIA

Checked: T.CICCONE

Date: 12/20/2016

Dimensions: INCH [mm]

Part #: 12-03-00

TENSA AMERICA LLC
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I have independently reviewed the calculations and testing reports, along with the documentation and certified that TENSA system spiral rebar detail meets the requirements as outlined in paragraph 3.3 PTI Anchorage Zone Design.

[*] Do not apply post-tensioning forces until the concrete mean compressive strength $f'_{cu}$ is not less than the values shown in the present drawing.

NOTE: The local zone reinforcement is to be shown on the shop drawings.
Title:
TRUMPET for 12AMTS15 Internal Bonded and Internal Unbonded / External systems

Material:
High Density Polyethylene - according to ASTM D3350

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INCH [mm]
mm FOR REFERENCE ONLY

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NOTE:

- This drawing is not intended for manufacturing purposes.
Minimum radius of curvature for prefabricated sections of duct: 8 ft (2.44 m)
Minimum radius of curvature for straight sections of duct to be field bent: 12 ft (3.66 m)

NOTE:
- This drawing is not intended for manufacturing purposes;
- Duct meets FDoT requirements (Par. 2.2.1.2 and 2.4.4 Section 960):
  - maximum dimensional ratio (DR) of 17 as per ASTM D3035 or ASTM F714
  - 125 psi rated
  - minimum cell class of 445574C as per ASTM D3350
  - minimum OIT of 40 minutes as per ASTM D3895

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**NOTE:**

- The United States (US) coupler must be used with the corresponding US duct; the European (EU) coupler must be used with the corresponding EU duct;
- The installation procedure is general; reference to manufacturer’s instruction manual for the detailed installation instructions;
- This drawing is not intended for manufacturing purposes;
- Coupler meets FDoT requirements (Par. 2.2.1.5 Section 960):
  - 150 psi rated
  - minimum cell class of 445574C as per ASTM D3350
  - minimum OIT of 40 minutes as per ASTM D3895

**INSTALLATION**

Preparing the duct

1. Scrape the duct up to 0.4" (10mm) beyond the insertion length of the fitting.
2. Clean the welding area and let it dry.
3. Insert the duct ends straight into the fitting for the correct length.
4. Install the aligners in order to keep straight position.

The Welding Process

5. Connect the welding cables to the electrofusion coupler connectors and enter the welding parameters in the device.
6. At the end of the welding cycle, disconnect the cables and wait for the cooling.
7. Remove the aligners.
**PHASE A**  
bulkhead coupler connection

**PHASE B**  
match-cast coupler connection

**PHASE C**  
segments detachment

**PHASE D**  
gasket placing and protection

**PHASE E**  
segments connection

**BILL OF MATERIALS**

<table>
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<tr>
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<th>DESCRIPTION</th>
<th>MATERIAL</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>XX-07-03-01</td>
<td>Bulkhead Coupler</td>
<td>Polypropylene - according to ASTM D4101</td>
</tr>
<tr>
<td>2</td>
<td>XX-07-03-02</td>
<td>Match-Cast Coupler</td>
<td>Polypropylene - according to ASTM D4101</td>
</tr>
<tr>
<td>3</td>
<td>XX-07-03-03</td>
<td>Sealing Gasket</td>
<td>TPR Blend - according to FDoT Tab.2.2.1.7-1 Sec.960</td>
</tr>
<tr>
<td>4</td>
<td>XX-07-03-04</td>
<td>Boot</td>
<td>TPR Blend - according to FDoT Tab.2.2.1.7-1 Sec.960</td>
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<tr>
<td>5</td>
<td>XX-07-03-05</td>
<td>Bulkhead load plug</td>
<td>N/A</td>
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<td>6</td>
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<td>Match-Cast Load Plug</td>
<td>N/A</td>
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<td>7</td>
<td>XX-07-03-07</td>
<td>Gasket Blockout</td>
<td>Polypropylene - according to ASTM D4101</td>
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<td>8</td>
<td>XX-07-03-08</td>
<td>Storage Hug</td>
<td>Polypropylene - according to ASTM D4101</td>
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<td>9</td>
<td>DE-10-02</td>
<td>Band Clamp</td>
<td>Stainless Steel 430 - according to ASTM A240</td>
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<td>Corrugated Duct</td>
<td>Polypropylene - according to ASTM D4101</td>
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<td>11</td>
<td>6-XX-06-78</td>
<td>Smooth Plastic Duct</td>
<td>Polypropylene - according to ASTM D4101</td>
</tr>
</tbody>
</table>

**NOTE:**
- Reference to manufacturer’s installation manual for the detailed installation instructions;
- The representation of both smooth and corrugated duct in the same coupler is purely representative;
- Segmental duct coupler meets FDoT requirements (Par. 2.2.1.6 and 3.2.1 Section 960);
- Components marked with “T” on the drawing are temporary, components marked with “O” are optional;
- In the beside table “XX” stands for the system dimension.
NOTE:

- All dimensions are measured;
- This drawing is not intended for manufacturing purposes.

Material: Polypropylene - according to ASTM D4101

Title: GTI SDC BULKHEAD COUPLER 3"
for 3" GTI corrugated duct and 3.5" smooth duct
Standard fit for 12AMTS15

Dimensions: All dimensions are measured;
This drawing is not intended for manufacturing purposes.
NOTE:
- All dimensions are measured;
- This drawing is not intended for manufacturing purposes.
NOTE:

- All dimensions are measured;
- This drawing is not intended for manufacturing purposes.
NOTE:

- All dimensions are measured;
- This drawing is not intended for manufacturing purposes.

Material: TPR Blend - according to FDoT Tab.2.2.1.7-1 Sec.960

Title: GTI SDC BOOT 3” for 3” GTI corrugated duct and 3.5” smooth duct
Standard fit for 12AMTS15

NOTE:

- All dimensions are measured;
- This drawing is not intended for manufacturing purposes.
NOTE:

- All dimensions are measured;
- This drawing is not intended for manufacturing purposes;
- Temporary item.

Material: Nylon

Title: GTI SDC BULKHEAD LOAD PLUG 3"
for 3" GTI corrugated duct and 3.5" smooth duct
Standard fit for 12AMTS15

Dimensions:

<table>
<thead>
<tr>
<th>Material</th>
<th>Treatment</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nylon</td>
<td></td>
<td>220343</td>
</tr>
</tbody>
</table>

NOTE:

- All dimensions are measured;
- This drawing is not intended for manufacturing purposes;
- Temporary item.

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NOTE:
- All dimensions are measured;
- This drawing is not intended for manufacturing purposes;
- Temporary item.

GTI SDC MATCHCAST LOAD PLUG 3"
for 3" GTI corrugated duct and
3.5" smooth duct
Standard fit for 12AMTS15

Material: Nylon

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Date: 08/28/2019
Dimensions: [INCH ] [mm] FOR REFERENCE ONLY

Part #: 12-07-06-06
Code: 220346

NOTE:
- All dimensions are measured;
- This drawing is not intended for manufacturing purposes;
- Temporary item.
NOTE:
- All dimensions are measured;
- This drawing is not intended for manufacturing purposes;
- Temporary item.
NOTE:

- All dimensions are measured;
- This drawing is not intended for manufacturing purposes;
- Temporary item.

Material: Polypropylene - according to ASTM D4101

Treatment:

Title: GTI SDC STORAGE CAP 3" for 3" GTI corrugated duct and 3.5" smooth duct
Standard fit for 12AMTS15

Dimensions: [INCH] [mm]

---

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1111 KANE CONCOURSE, S.TE 206 - BAY HARBOR ISLAND - 33154, FL

Date: 08/28/2019

Part #: 12-07-03-08  Code: 220347
UNWRAPPED PLAN VIEW

1.57’’
[40mm]

15.75’’
[400mm]

5.91’’
[150mm]

UNWRAPPED LATERAL VIEW

0.08’’
[2mm]

NOTE:

- Thickness is type L, i.e. 0.035’’ [0.9 mm] backing + 0.043’’ [1.1 mm] adhesive;
- This drawing is not intended for manufacturing purposes;
- Heat shrink sleeve meets or exceeds FDoT requirements (Table 2.2.1.8-1 Section 960);
- For the installation make reference to manufacturer procedure.

Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Title: CANUSA-CPS
HIGH TEMPERATURE HEAT SHRINK SLEEVE
Standard fit for 12AMTS15 External and Internal Unbonded Systems

Material: Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:

Treatment:

Part #: E-IU-12-07-13
Code: KLNN-90-150-BK

Material:
Coated Polyolefin Backing - according to FDoT Tab.2.2.1.8-1 Sec.960

Dimensions:
NOTE:

- This drawing is not intended for manufacturing purposes;
- Coupler meets or exceeds FDoT requirements (Section 960-2.2.1.5 and 2.4.4);
- Standard fit for 3.00" [76mm] corrugated plastic duct and 3.50" smooth plastic duct.

Material: Polypropylene - according to ASTM D4101

Title: GTI STEPLESS COUPLER
Adaptation for 3.00" corrugated duct and 3.50" smooth plastic duct with 12AMTS15 trumpet
NOTE:

- All dimensions are measured.
- This drawing is not intended for manufacturing purposes.

Title: GTI SDC BULKHEAD COUPLER 3.35"
for 3.35" GTI corrugated duct and
3.5" smooth duct

Large coupler configuration for 12AMTS15

Material: Polypropylene - according to ASTM D4101

Treatment:

Date: 08/28/2019

Dimensions: [inch] [mm] FOR REFERENCE ONLY

Part #: 12-07-03-01-L  Code: 220381

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NOTE:

- All dimensions are measured;
- This drawing is not intended for manufacturing purposes.

Material: Polypropylene - according to ASTM D4101

Title: GTI SDC MATCHCAST COUPLER 3.35"
for 3.35" GTI corrugated duct and
3.5" smooth duct

Large coupler configuration for 12AMTS15

NOTE:

· All dimensions are measured;
· This drawing is not intended for manufacturing purposes.

Date: 08/28/19
Part #: 12-07-03-02-L
Code: 220382

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NOTE:

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- This drawing is not intended for manufacturing purposes.

GTI SDC SEALING GASKET 3.35"
for 3.35" GTI corrugated duct and
3.5" smooth duct

Large coupler configuration for 12AMTS15

<table>
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<th>Description</th>
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<th>Date</th>
<th>L.C.</th>
<th>T.C.</th>
<th>Part #: 12-07-03-03-L</th>
<th>Code: 220383</th>
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</tbody>
</table>
NOTE:
- All dimensions are measured;
- This drawing is not intended for manufacturing purposes.

Material: TPR Blend - according to FDoT Tab.2.2.1.7-1 Sec.960
Treatment:

Title: GTI SDC BOOT 3.35"
for 3.35" GTI corrugated duct and
3.5" smooth duct
Large coupler configuration for 12AMTS15

Part #: 12-07-03-04-L  Code: 220384

Dimensions:

- 3.68" [93mm]
- 4.16" [106mm]
- 3.68" [93mm]
- 4.16" [106mm]

NOTE:
- All dimensions are measured;
- This drawing is not intended for manufacturing purposes.

Check: T. CICCONE
GTI SDC BULKHEAD LOAD PLUG 3.35"
for 3.35" GTI corrugated duct and
3.5" smooth duct

Large coupler configuration for 12AMTS15

Material: Nylon

Treatment:

Title: GTI SDC BULKHEAD LOAD PLUG 3.35"
for 3.35" GTI corrugated duct and
3.5" smooth duct

Large coupler configuration for 12AMTS15

NOTE:
- All dimensions are measured;
- This drawing is not intended for manufacturing purposes;
- Temporary item.

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First issue: 0 8/28/19
Date: 08/28/2019
Dimensions: [mm]
Part #: 12-07-03-05-L
Code: 220393

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NOTE:
- All dimensions are measured;
- This drawing is not intended for manufacturing purposes;
- Temporary item.

GTI SDC MATCHCAST LOAD PLUG 3.35"
for 3.35" GTI corrugated duct and
3.5" smooth duct
Large coupler configuration for 12AMTS15

Material: Nylon

Dimensions:
- 3.46" [88mm]
- 4.19" [106mm]
- 0.79" [20mm]

Check: T. CICCONE
Printed: L. CIVATI

Date: 08/28/2019
Part #: 12-07-03-06-L
Code: 220396

NOTE:
- All dimensions are measured;
- This drawing is not intended for manufacturing purposes;
- Temporary item.

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NOTE:

- All dimensions are measured;
- This drawing is not intended for manufacturing purposes;
- Temporary item.
NOTE:
- All dimensions are measured;
- This drawing is not intended for manufacturing purposes;
- Temporary item.