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POLY FORMS

MATERIAL
High Density Polyethylene (HDPE)

HEIGHT          LENGTH
4" and 6"       12"

WEIGHT
4" Flexible, 0.5 lbs. per foot
4" Straight, 1.0 lbs. per foot
6" Flexible, 0.75 lbs. per foot
6" Straight, 1.25 lbs. per foot

10 Forms Per Box
4" Flexible     77 lbs. per box
4" Straight     129 lbs. per box
6" Flexible     105 lbs. per box
6" Straight     155 lbs. per box

META STAKE POCKETS

MATERIAL
Special Analysis Steel

WEIGHT
Slide          1.3 lbs. per pocket
Twist          1.3 lbs. per pocket
Stacking       3.0 lbs. per pocket

• 15 Slide pockets per bucket (23 lbs)
• 30 Twist pockets per bucket (42 lbs)
• 5 Stacking pockets per bucket (17 lbs)

RECOMMENDED QUANTITIES:
4" & 6" Forms/Straight & Flexible
Per 12' length: 4 Pockets
1-Slide Pocket
3-Twist Pockets

Per Box: 2 Buckets
1-Slide Bucket
1-Twist Bucket
1.0 Components/Specifications

OVERHEAD HANGER UNITS

MATERIAL
Special analysis steel

WEIGHT
3.75 lbs per unit; 21 lbs. per bucket

PACKAGE
5 pairs per bucket

SETTINGS/ADJUSTABILITY
Width: 4-1/2" to 7" wide curb.
Layback/Batter: 0, 1/2, 1, 1-1/2, 2"
(No batter on radius set-ups)
Keep all components clean before and after use.

THE USE OF A RELEASE AGENT IS RECOMMENDED TO HELP KEEP THE FORMS AND POCKETS FREE OF DEBRIS.

6-inch form shown

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Slide pockets may be used to clean channels.

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KEEP THE POCKET CHANNEL CLEAN

---

POCKET CHANNEL

---

REMOVE CONCRETE ACCUMULATIONS FROM THE WEDGE AND SLOTS

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REMOVE CONCRETE ACCUMULATIONS FROM GUIDE AREAS (TOP AND BOTTOM)
3.0 Expansion/Contraction

Poly forms: temperature will affect the overall length. At 80 degrees Fahrenheit it is typical for a form to measure 12'-1/2" long. At 40 degrees Fahrenheit it may measure 11'11-3/4" long. Remember to take this into consideration when setting forms.

If a gap appears between the forms, it can be easily closed by tapping from the end of the form.

![Diagram of expansion/contraction]

4.0 Recommended Stake Pocket Spacing

Note: End pockets are shared with the next form.

1) A single form with slide pocket on zone ends and twist pockets every 3 feet.

![Diagram of single form spacing]

2) Stacking two forms together using pockets every 3 feet.

![Diagram of stacked form spacing]
Assembly: Stacking Forms 5.0

Forms can be stacked using stacking pockets:

<table>
<thead>
<tr>
<th>RECOMMENDED STAKE LENGTHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stacking Height of Forms</td>
</tr>
<tr>
<td>8&quot; (4+4)</td>
</tr>
<tr>
<td>10&quot; (4+6)</td>
</tr>
<tr>
<td>12&quot; (6+6)</td>
</tr>
</tbody>
</table>

Pockets slide in from end of forms.

![Insert from end](image)

4"+4" = 8"

4"+6" = 10"

6"+6" = 12"

Step 1: Set forms together

Set forms side-by-side on a flat surface, with the channel facing up.

![Flat surface](image)

Align the ends of the forms.

Step 2: Connect forms together

Slide in stacking pocket.

![Slide in pocket](image)
5.0 Assembly: Stacking Forms

Step 3: Slide in additional pockets

Slide pockets down the channel, using your hands or feet, by pushing on the center (as shown by arrow). Typical pocket spacing is three (3) feet.

Step 4: Set form(s) in place

With pockets installed, set form(s) upright.

Step 5: Install stakes (pins)

Install the stakes into the ground, and lock the wedges onto the stakes. It is recommended to use stakes that are either 3/4 inch or 7/8 inch in diameter. (Stake should penetrate at least 12" into the ground.)
Step 1: Slide pockets. Slide into form from either end.

Step 2: Add twist pockets anywhere along the form where additional support is required. Note: recommend 3 foot spacing.

Step 3: Join forms together using end connection as a guide.
6.2 Assembly: Straight Work - Curb Only

Step 1: Stack per assembly instructions for stacking forms.

Step 2: Set the first two forms in place for the "Back" of the curb. Drive the stakes through the pockets.

Step 3: When stacking more than two forms, place the third form on top with slide pockets already installed in form.

Step 4: For vertical curb or partially battered curb, use overhead hangers. (5 per 12' setup)
Step 1: Set the first two forms in place for the "Back" of the curb. Drive the stakes through the pockets.

Step 2: Set the "front" form at the specified location; twist a hanger into the "back" form.

Step 3: Back view: twist-in overhead hanger. Locate the hanger close to a "pocket" for extra support.
6.3 Assembly: Straight Work - Curb & Gutter

Step 4: Install hanger into the "face" form. Bring the "face" into position to match up the slots with the clamp pins. Adjust curb thickness. Tighten the clamps.

NOTE: Overhead hangers adjust for curbs between 4-1/2 and 7" thick.

Forming 8" curb face: set face with stacking pockets and stakes.

Step 5: Complete Setup: Five (5) overhead hangers per 12-foot set-up.
7.0 Assembly: Radius Work

Section 7 contains the following sub-sections:

7.1 Introduction: "Stake as you go"
7.2 Flatwork
7.3 Curb Only
7.4 Curb & Gutter

7.1 Introduction: "Stake as you go"

**Plan Ahead:**

Stake as you go": Bend the form around the radius, staking as you go.
- Joints between forms should not be at the apex of a radius.
- Join forms together using end connection as a guide.
- Use form pins as guides, to bend form around radius.

<table>
<thead>
<tr>
<th>Step 1: Trace radius onto ground or set stringline. (Example shown below: forming a 4’ outside radius, overhead view.)</th>
<th>Step 2: Set stakes as &quot;guide pins&quot; along arc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 3: Set form in place, starting at one end; stake into place (about every 3 ft.); lock the wedges.</td>
<td>Step 4: Join forms together using end connection as a guide.</td>
</tr>
</tbody>
</table>

Assembly: Radius Work
### RECOMMENDED FORMS

<table>
<thead>
<tr>
<th>Height of Form</th>
<th>Radius</th>
<th>Type of Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>3' min.</td>
<td>Flexible forms with yellow end connections.</td>
</tr>
<tr>
<td></td>
<td>to 30'</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>30' to 70'</td>
<td>Flexible forms with yellow end connections and black radius inserts.</td>
</tr>
<tr>
<td>6&quot;</td>
<td>70' +</td>
<td>Straight form with silver aluminum end connection/inserts.</td>
</tr>
</tbody>
</table>

### RECOMMENDED STAKES

<table>
<thead>
<tr>
<th>Height of Form</th>
<th>Stake or Pin (3/4&quot; or 7/8&quot; dia.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>18&quot;</td>
</tr>
<tr>
<td>6&quot;</td>
<td>24&quot;</td>
</tr>
</tbody>
</table>

Overhead views shown below: Flatwork forms (4" & 6")

- **Radius: 3' min. to 30'**
  - Flexible form with yellow end connections.
  - Use slide stake pocket at each joint.
  - Extra stakes used as guide pins.
  - Stake pockets spaced 3 ft. apart.

- **Radius 30' to 70'**
  - Flexible form with yellow end connections and black radius inserts.
  - Use slide stake pocket at each joint.
  - "Guide" stake if necessary, use extra stakes to prevent flat spots.
  - Stake pockets spaced 3 ft. apart.

- **Radius 70' +**
  - Straight form with aluminum inserts/end connections.
  - Use slide stake pocket at each joint.
  - Stake pockets spaced 3 ft. apart.
**RECOMMENDED FORMS**

<table>
<thead>
<tr>
<th>Height of Form</th>
<th>Radius</th>
<th>Type of Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; high, 4&quot;+4&quot; stacking pocket</td>
<td>3' min. to 30'</td>
<td>Flexible forms with yellow end connections. Flexible forms</td>
</tr>
<tr>
<td>10&quot; high, 4&quot;+6&quot; stacking pocket</td>
<td></td>
<td>with yellow end connections and black radius inserts.</td>
</tr>
<tr>
<td>12&quot; high, 6&quot;+6&quot; stacking pocket</td>
<td>30' to 70'</td>
<td>Flexible forms with yellow end connections and black radius inserts.</td>
</tr>
<tr>
<td>18&quot; high, 6&quot;+6&quot;+6&quot; stacking pocket plus twist or slide pocket</td>
<td>70' +</td>
<td>Straight form with silver aluminum end connection/inserts.</td>
</tr>
</tbody>
</table>

**RECOMMENDED STAKES**

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<tr>
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<td>8&quot;</td>
<td>24&quot;</td>
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<tr>
<td>10&quot;</td>
<td>30&quot;</td>
</tr>
<tr>
<td>12&quot;</td>
<td>36&quot;</td>
</tr>
<tr>
<td>18&quot;</td>
<td>36&quot;</td>
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**RECOMMENDED ACCESSORIES**

<table>
<thead>
<tr>
<th>Overhead Hangers</th>
<th>Every 30&quot;</th>
</tr>
</thead>
</table>

Vertical face radius curb (top view)

Overhead views shown below: Curb only (up to 18"

**Assembly: Radius Work - Curb Only**

**Radius: 6' min. to 30'**

- Flexible form with yellow end connections.
- Use slide stake pocket at each joint.
- Extra stakes used as guide pins.
- Stake pockets spaced 30 in. apart.

**Radius 30' to 70'**

- Flexible form with yellow end connections and black radius inserts.
- Use slide stake pocket at each joint.
- "Guide" stake if necessary, use extra stakes to prevent flat spots.
- Stake pockets spaced 30 in. apart.

**Radius 70' +**

- Straight form with aluminum inserts/end connections.
- Use slide stake pocket at each joint.
- Stake pockets spaced 30 in. apart.
### RECOMMENDED FORMS

<table>
<thead>
<tr>
<th>Height of Form</th>
<th>Radius</th>
<th>Type of Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; high, 4&quot;+4&quot; stacking pocket</td>
<td>6' min. to 30'</td>
<td>Flexible forms with yellow end connections.</td>
</tr>
<tr>
<td>10&quot; high, 4&quot;+6&quot; stacking pocket</td>
<td></td>
<td>Flexible forms with yellow end connections.</td>
</tr>
<tr>
<td>12&quot; high, 6&quot;+6&quot; stacking pocket plus twist or slide</td>
<td>30' to 70'</td>
<td>with yellow end connections and black radius inserts.</td>
</tr>
<tr>
<td>18&quot; high, 6&quot;+6&quot;+6&quot; stacking pocket</td>
<td>70' +</td>
<td>Straight form with silver aluminum end connection/inserts.</td>
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### RECOMMENDED STAKES

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</tr>
<tr>
<td>18&quot;</td>
<td>36&quot;</td>
</tr>
</tbody>
</table>

Complete Radius Setup (Vertical face only)

### RECOMMENDED ACCESSORIES

<table>
<thead>
<tr>
<th>Overhead Hangers</th>
<th>Every 30&quot;</th>
</tr>
</thead>
</table>

Overhead views shown below: Curb & Gutter (Vertical face only)
### 8.0 Curb & Gutter Bill of Materials

**SETUP FOR STRAIGHT OR RADIUS**
Overhead Hanger - with Poly Face

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>RECOMMENDED QUANTITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Back Curb Form, 12&quot; Poly (requires (2) 6&quot; Poly forms stacked on top of each other) 6&quot; Poly Form</td>
<td>(2)</td>
</tr>
<tr>
<td>B</td>
<td>Front Gutter Form, 6&quot; Poly</td>
<td>(1)</td>
</tr>
<tr>
<td>C</td>
<td>Curb Face Form, 6&quot; Poly</td>
<td>(1)</td>
</tr>
<tr>
<td>D</td>
<td>Overhead Hanger Unit</td>
<td>(5)</td>
</tr>
<tr>
<td>E</td>
<td>*Twist Stake Pocket</td>
<td>(3)</td>
</tr>
<tr>
<td>F</td>
<td>*Nail Stake (3/4 x 30)</td>
<td>(5)</td>
</tr>
<tr>
<td>G</td>
<td>Nail Stake (3/4 x 18)</td>
<td>(4)</td>
</tr>
<tr>
<td>H</td>
<td>*Stacking Pocket (6&quot;+6&quot;)</td>
<td>(5)</td>
</tr>
<tr>
<td>I</td>
<td>Slide Pocket</td>
<td>(1)</td>
</tr>
</tbody>
</table>

*Items Not Shown

Note: a total of (4) 6" Poly Forms are required