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PVC Monitor Pipe Specifications

1. All casing, pipe, and screen shall be PVC Flush Threaded.
2. The PVC flush threaded casing pipe and screen shall be manufactured from Type 1, Grade 1 PVC resins as specified in ASTM D1785. The casing pipe shall also be approved by the National Sanitary Foundation (NSF) for use in potable water applications.
3. All PVC shall be free of ink markings.
4. To Assure easy make up, the PVC monitor pipe and screen must be threaded to the ASTM F480 specification with O-ring groove turned in the male thread. The manufacturer will provide the O-ring.
5. All threaded connections must be manufactured using computer controlled threading machines to insure precision of cut and consistency between manufacturing lots.
6. All PVC flush threaded monitor pipe shall make up in stated lengths, shoulder to shoulder.
7. The slots in all PVC screen pipe must be cut on precision computer controlled slotting machines, providing uniform slot and space dimensions.
8. All PVC screen pipe must be de-burred and cleaned using a high pressure air and/or water process to ensure unobstructed and dust free slot opening.
9. The finished monitor pipe and screen shall be received in visibly clean condition, free of oil, grease, dirt, and fingerprints.
10. The monitor pipe and screen shall be individually packaged in plastic and then packed in heavy wall corrugated boxes clearly labeled with the brand name and contents.



Weights & Dimensions of Schedule 40 PVC *

| Pipe ID Nominal | Pipe OD | Pipe ID Average | Min.Wall Thickness | Approx. Ship Wt. in Lbs./Ft | Max Water Pressure PSI ** |
|-----------------|---------|-----------------|--------------------|-----------------------------|---------------------------|
| 0.50" | 0.840" | 0.608" | 0.109" | 0.166 | 600 |
| 0.75" | 1.050" | 0.810" | 0.113" | 0.220 | 480 |
| 1.00" | 1.315" | 1.033" | 0.133" | 0.324 | 450 |
| 1.25" | 1.660" | 1.364" | 0.140" | 0.439 | 370 |
| 1.50" | 1.900" | 1.592" | 0.145" | 0.525 | 330 |
| 2.00" | 2.375" | 2.049" | 0.154" | 0.702 | 280 |
| 2.50" | 2.875" | 2.445" | 0.203" | 1.108 | 300 |
| 3.00" | 3.500" | 3.042" | 0.216" | 1.449 | 260 |
| 4.00" | 4.500" | 3.998" | 0.237" | 2.064 | 220 |
| 5.00" | 5.563" | 5.017" | 0.258" | 2.966 | 190 |
| 6.00" | 6.625" | 6.031" | 0.280" | 3.630 | 180 |
| 8.00" | 8.625" | 7.943" | 0.322" | 5.845 | 160 |
| 10.00" | 10.750" | 9.976" | 0.365" | 7.745 | 140 |
| 12.00" | 12.750" | 11.890" | 0.406" | 10.240 | 130 |

* Per ASTM D-1785 for PVC Pipe

** Water at 23°C (73° F) for Unthreaded Pipe

PIPE

FITTINGS

ACCESSORIES



Weights & Dimensions of Schedule 80 PVC *

| Pipe ID Nominal | Pipe OD Average | Pipe ID Average | Miniwall Thickness | Approx Ship Wt. in Lbs./Ft | Max Water Pressure PSI ** |
|-----------------|-----------------|-----------------|--------------------|----------------------------|---------------------------|
| 0.50" | 0.840" | 0.528" | 0.147" | 0.210 | 850 |
| 0.75" | 1.050" | 0.724" | 0.154" | 0.283 | 690 |
| 1.00" | 1.315" | 0.935" | 0.179" | 0.417 | 630 |
| 1.25" | 1.660" | 1.256" | 0.191" | 0.573 | 520 |
| 1.50" | 1.900" | 1.476" | 0.200" | 0.695 | 470 |
| 2.00" | 2.375" | 1.913" | 0.218" | 0.961 | 400 |
| 2.50" | 2.875" | 2.289" | 0.276" | 1.466 | 420 |
| 3.00" | 3.580" | 2.864" | 0.300" | 1.961 | 370 |
| 4.00" | 4.500" | 3.786" | 0.337" | 2.866 | 320 |
| 5.00" | 5.563" | 4.767" | 0.375" | 3.888 | 290 |
| 6.00" | 6.625" | 5.709" | 0.432" | 5.466 | 280 |
| 8.00" | 8.625" | 7.565" | 0.500" | 8.301 | 250 |
| 10.00" | 10.750" | 9.492" | 0.593" | 12.306 | 230 |
| 12.00" | 12.750" | 11.294" | 0.687" | 16.933 | 230 |

* Per ASTM D-1785 for PVC Pipe

** Water at 23°C (73° F) for Unthreaded Pipe

PIPE

FITTINGS

ACCESSORIES



Open Intake Area for PVC Well Screens SCH40

| Pipe Size | Rows | Standard Slot Sizes with .125" Spacing (Open area shown as Square Inches per Linear Foot of Pipe) | | | | | | | | | | | | | |
|--|------|--|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | .006 | .008 | .010 | .012 | .014 | .016 | .020 | .025 | .030 | .032 | .040 | .050 | .064 | .085 |
| 1.25" | 3 | 1.23 | 1.62 | 2.64 | 3.13 | 3.61 | 4.08 | 4.92 | 6.00 | 6.93 | 7.30 | 8.64 | 10.2 | — | — |
| 1.50" | 3 | 1.23 | 1.62 | 2.64 | 3.13 | 3.61 | 4.08 | 4.92 | 6.00 | 6.93 | 7.30 | 8.64 | 10.2 | — | — |
| 2.00" | 4 | 1.64 | 2.16 | 3.96 | 4.70 | 5.42 | 6.12 | 7.38 | 9.00 | 10.40 | 10.94 | 12.96 | 15.30 | 18.14 | 21.80 |
| 2.50" | 4 | — | — | 4.22 | 5.01 | 5.78 | 6.53 | 7.87 | 9.60 | 11.09 | 11.67 | 13.82 | 16.32 | 19.35 | 19.18 |
| 3.00" | 4 | — | — | 5.28 | 6.26 | 7.22 | 8.16 | 9.84 | 12.00 | 13.86 | 14.59 | 17.28 | 20.40 | 24.19 | 29.07 |
| 4.00" | 5 | — | — | 6.60 | 9.14 | 10.53 | 11.90 | 14.35 | 17.50 | 20.21 | 21.28 | 25.20 | 29.75 | 35.28 | 42.39 |
| 5.00" | 5 | — | — | 6.12 | 7.26 | 8.37 | 9.45 | 14.76 | 18.00 | 20.79 | 21.89 | 25.92 | 30.60 | 36.28 | 43.61 |
| 6.00" | 6 | — | — | 7.79 | 9.24 | 10.66 | 12.04 | 17.22 | 21.00 | 24.25 | 25.54 | 30.24 | 35.70 | 42.33 | 50.88 |
| Number of cuts per row per foot | | 91 | 90 | 88 | 87 | 86 | 85 | 82 | 80 | 77 | 76 | 72 | 68 | 63 | 57 |

| Pipe Size | Rows | Standard Slot Sizes with .250" Spacing (Open area shown as Square Inches per Linear Foot of Pipe) | | | | | | | | | | | | | |
|--|------|--|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | .006 | .008 | .010 | .012 | .014 | .016 | .020 | .025 | .030 | .032 | .040 | .050 | .064 | .085 |
| 0.50" | 2 | 0.30 | 0.40 | 0.51 | 0.59 | 0.69 | 0.79 | 0.97 | 1.18 | 1.39 | 1.48 | 1.80 | 2.20 | — | — |
| 0.75" | 2 | 0.47 | 0.63 | 0.78 | 0.92 | 1.07 | 1.22 | 1.50 | 1.83 | 2.14 | 2.29 | 2.79 | 3.40 | — | — |
| 1.00" | 3 | 0.54 | 0.72 | 0.90 | 1.05 | 1.23 | 1.40 | 1.72 | 2.10 | 2.46 | 2.62 | 3.20 | 3.90 | — | — |
| 1.25" | 3 | — | — | 1.38 | 1.62 | 1.89 | 2.16 | 2.64 | 3.23 | 3.78 | 4.03 | 4.92 | 6.00 | — | — |
| 1.50" | 3 | — | — | 1.38 | 1.62 | 1.89 | 2.16 | 2.64 | 2.23 | 3.78 | 4.03 | 4.92 | 6.00 | — | — |
| 2.00" | 4 | 0.86 | 1.14 | 2.07 | 2.43 | 2.84 | 3.24 | 3.96 | 4.84 | 5.67 | 6.05 | 7.38 | 9.00 | 10.94 | 13.39 |
| 2.50" | 4 | — | — | 2.39 | 2.81 | 3.28 | 3.74 | 4.58 | 5.59 | 6.55 | 6.99 | 8.53 | 10.40 | 12.84 | 15.47 |
| 3.00" | 4 | — | — | 2.76 | 3.24 | 3.78 | 4.32 | 5.28 | 6.45 | 7.56 | 8.06 | 9.84 | 12.00 | 14.59 | 17.85 |
| 4.00" | 5 | — | — | 3.45 | 4.73 | 5.51 | 6.30 | 7.70 | 9.40 | 11.02 | 11.76 | 14.35 | 17.50 | 21.28 | 26.03 |
| 5.00" | 5 | — | — | 3.62 | 4.25 | 4.96 | 5.67 | 7.92 | 9.68 | 11.34 | 12.10 | 14.76 | 18.00 | 21.89 | 26.78 |
| 6.00" | 6 | — | — | 4.07 | 4.78 | 5.58 | 6.37 | 9.24 | 11.29 | 13.23 | 14.11 | 17.22 | 21.00 | 25.54 | 31.24 |
| 8.00" | 7 | — | — | 4.03 | 4.73 | 5.51 | 6.30 | 11.55 | 14.11 | 16.54 | 17.64 | 21.53 | 26.25 | 31.92 | 35.05 |
| 10.00" | 8 | — | — | — | — | — | — | 10.56 | 12.90 | 15.12 | 16.13 | 19.68 | 24.00 | 29.18 | 35.70 |
| 12.00" | 10 | — | — | — | — | — | — | 13.20 | 16.12 | 18.90 | 20.16 | 24.60 | 30.00 | 36.48 | 44.63 |
| Number of cuts per row per foot | | 46 | 46 | 46 | 45 | 45 | 45 | 44 | 43 | 42 | 42 | 41 | 40 | 38 | 35 |

PIPE

FITTINGS

ACCESSORIES



Open Intake Area for PVC Well Screens SCH80

| Pipe Size | Rows | Standard Slot Sizes with .125" Spacing (Open area shown as Square Inches per Linear Foot of Pipe) | | | | | | |
|--|------|---|------|------|------|------|------|-------|
| | | .010 | .012 | .014 | .016 | .020 | .025 | .030 |
| 2.00" | 4 | 3.08 | 3.65 | 4.21 | 4.76 | 5.74 | 7.00 | 8.09 |
| 2.50" | 4 | 3.87 | 4.59 | 5.30 | 5.98 | 7.22 | 8.80 | 10.16 |
| Number of cuts per row per foot | | | | | | | | |
| | | 88 | 87 | 86 | 85 | 82 | 80 | 77 |

| Pipe Size | Rows | Standard Slot Sizes with .250" Spacing (Open area shown as Square Inches per Linear Foot of Pipe) | | | | | | | | | | | |
|--|------|---|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | | .010 | .012 | .014 | .016 | .020 | .025 | .030 | .032 | .040 | .050 | .064 | .085 |
| 0.50" | 2 | 0.39 | 0.46 | 0.54 | 0.61 | 0.75 | 0.91 | 1.07 | 1.14 | 1.39 | 1.70 | — | — |
| 0.75" | 2 | 0.69 | 0.81 | 0.95 | 1.08 | 1.32 | 1.61 | 1.89 | 2.02 | 2.46 | 3.00 | — | — |
| 1.00" | 3 | 0.69 | 0.81 | 0.95 | 1.08 | 1.32 | 1.61 | 1.89 | 2.02 | 2.46 | 3.00 | — | — |
| 1.25" | 3 | 1.00 | 1.18 | 1.37 | 1.57 | 1.91 | 2.34 | 2.74 | 2.92 | 3.57 | 4.35 | — | — |
| 1.50" | 3 | 1.10 | 1.30 | 1.51 | 1.73 | 2.11 | 2.58 | 3.02 | 3.23 | 3.94 | 4.80 | — | — |
| 2.00" | 4 | 1.61 | 1.89 | 2.21 | 2.52 | 3.08 | 3.76 | 4.41 | 4.70 | 5.74 | 7.00 | 8.51 | 10.41 |
| 02.50" | 4 | 2.02 | 2.38 | 2.77 | 3.17 | 3.87 | 4.73 | 5.54 | 5.91 | 7.22 | 8.80 | 10.70 | 13.09 |
| 3.00" | 4 | 2.48 | 2.92 | 3.40 | 3.89 | 4.75 | 5.81 | 6.80 | 7.26 | 8.86 | 10.80 | 13.13 | 16.07 |
| 4.00" | 5 | 2.24 | 2.63 | 3.07 | 3.51 | 5.94 | 7.26 | 8.51 | 9.07 | 11.07 | 13.50 | 16.42 | 20.08 |
| 5.00" | 5 | — | — | — | 3.78 | 4.62 | 5.64 | 6.61 | 7.06 | 8.61 | 10.50 | 12.77 | 15.62 |
| 6.00" | 6 | — | — | — | 3.35 | 4.09 | 5.00 | 5.86 | 6.25 | 7.63 | 9.30 | 11.31 | 13.83 |
| 8.00" | 7 | — | — | — | — | — | — | 5.51 | 5.88 | 7.18 | 8.75 | 10.64 | 13.02 |
| 10.00" | 9 | — | — | — | — | — | — | 5.84 | 6.23 | 7.60 | 9.27 | 11.27 | 13.79 |
| Number of cuts per row per foot | | | | | | | | | | | | | |
| | | 46 | 45 | 45 | 45 | 44 | 43 | 42 | 42 | 41 | 40 | 38 | 35 |



SCH 40 Flush Thread PVC

| SCH 40 PVC | Nominal Thread ASTM F-480 | Box QTY |
|------------|---------------------------|---------|
| 0.50" | 8/8 TPI | 20 |
| 0.75" | 8/8 TPI | 20 |
| 1.00" | 8/8 TPI | 20 |
| 1.25" | 8/8 TPI | 10 |
| 1.50" | 8/8 TPI | 10 |
| 2.00" | 2/2 TPI | 6 |
| 3.00" | 2/2 TPI | 5 |
| 4.00" | 2/2 TPI | 2 |
| 5.00" | 2/2 TPI | 2 |
| 6.00" | 2/2 TPI | 2 |
| 8.00" | 2/2 TPI | 1 |
| 10.00" | 2/2 TPI | 1 |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|--------------|--------|---------|------------|
| Riser | 0.50" | 2.5' | 20 | |
| Screen | | 2.5' | 20 | |
| Riser | & | 5.0' | 20 | 320 |
| Screen | | 5.0' | 20 | Mixed |
| Riser | 0.75" | 10' | 20 | 320 |
| Screen | | 10' | 20 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|--------------|--------|---------|------------|
| Riser | 1.00" | 2.5' | 20 | |
| Screen | | 2.5' | 20 | |
| Riser | | 5.0' | 20 | 320 |
| Screen | | 5.0' | 20 | Mixed |
| Riser | | 10' | 20 | 320 |
| Screen | | 10' | 20 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|--------------|--------|---------|------------|
| Riser | 1.25" | 2.5' | 10 | |
| Screen | | 2.5' | 10 | |
| Riser | & | 5.0' | 10 | 200 |
| Screen | | 5.0' | 10 | Mixed |
| Riser | 1.50" | 10' | 10 | 200 |
| Screen | | 10' | 10 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|--------------|--------|---------|------------|
| Riser | 2.00" | 2.5' | 6 | |
| Screen | | 2.5' | 6 | |
| Riser | | 5.0' | 6 | 300 |
| Screen | | 5.0' | 6 | Mixed |
| Riser | | 10' | 6 | 300 |
| Screen | | 10' | 6 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|--------------|--------|---------|------------|
| Riser | 3.00" | 2.5' | 5 | |
| Screen | | 2.5' | 5 | |
| Riser | | 5.0' | 5 | 60 |
| Screen | | 5.0' | 5 | Mixed |
| Riser | | 10' | 5 | 60 |
| Screen | | 10' | 5 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|--------------|--------|---------|------------|
| Riser | 4.00" | 2.5' | 2 | |
| Screen | | 2.5' | 2 | |
| Riser | | 5.0' | 2 | 80 |
| Screen | | 5.0' | 2 | Mixed |
| Riser | | 10' | 2 | 80 |
| Screen | | 10' | 2 | Mixed |



SCH 40 Flush Thread PVC

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|--------------|--------|---------|------------|
| Riser | 5.00" | 2.5' | 2 | |
| Screen | | 2.5' | 2 | |
| Riser | | 5.0' | 2 | 30 |
| Screen | | 5.0' | 2 | Mixed |
| Riser | | 10' | 2 | 30 |
| Screen | | 10' | 2 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|--------------|--------|---------|------------|
| Riser | 6.00" | 2.5' | 2 | |
| Screen | | 2.5' | 2 | |
| Riser | | 5.0' | 2 | 30 |
| Screen | | 5.0' | 2 | Mixed |
| Riser | | 10' | 2 | 30 |
| Screen | | 10' | 2 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|--------------|--------|---------|------------|
| Riser | 8.00" | 2.5' | 1 | |
| Screen | | 2.5' | 1 | |
| Riser | | 5.0' | 1 | 16 |
| Screen | | 5.0' | 1 | Mixed |
| Riser | | 10' | 1 | 16 |
| Screen | | 10' | 1 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|---------------|--------|---------|------------|
| Riser | 10.00" | 2.5' | 1 | |
| Screen | | 2.5' | 1 | |
| Riser | | 5.0' | 1 | 16 |
| Screen | | 5.0' | 1 | Mixed |
| Riser | | 10' | 1 | 16 |
| Screen | | 10' | 1 | Mixed |

- 1 Custom and 20' lengths available in most sizes.
- 2 Plain End Screens available

Field Pack Screens Schedule 40

| Outside Screen Dia. | Inside Screen Dia. | Length |
|---------------------|--------------------|--------|
| 3" | 2" | 5' |
| 3" | 2" | 10' |
| 4" | 2" | 5' |
| 4" | 2" | 10' |
| 5" | 4" | 5' |
| 5" | 4" | 10' |
| 6" | 4" | 5' |
| 6" | 4" | 10' |

1. Field Pack Screens are shipped assembled ready to be filled with filter media on site.
2. Field Pack Screens are flush thread male X male. Flush thread female X female adapters are available.



SCH 80 Flush Thread PVC

| SCH 40 PVC | Nominal Thread ASTM F-480 | Box QTY |
|------------|------------------------------|---------|
| 0.50" | 8/8 TPI | 20 |
| 0.75" | 2/4 TPI | 20 |
| 1.00" | 2/4 TPI | 20 |
| 1.25" | 2/2 TPI | 10 |
| 1.50" | 2/2 TPI | 10 |
| 2.00" | 2/2 TPI | 6 |
| 3.00" | 2/2 TPI | 5 |
| 4.00" | 2/2 TPI | 2 |
| 5.00" | 2/2 TPI | 2 |
| 6.00" | 2/2 TPI | 2 |
| 8.00" | 2/2 TPI | 1 |
| 10.00" | 2/2 TPI | 1 |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|----------|--------|---------|------------|
| Riser | 0.50" | 2.5' | 20 | |
| Screen | | 2.5' | 20 | |
| Riser | & | 5.0' | 20 | 320 |
| Screen | | 5.0' | 20 | Mixed |
| Riser | 0.75" | 10' | 20 | 320 |
| Screen | | 10' | 20 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|----------|--------|---------|------------|
| Riser | 1.00" | 2.5' | 20 | |
| Screen | | 2.5' | 20 | |
| Riser | | 5.0' | 20 | 320 |
| Screen | | 5.0' | 20 | Mixed |
| Riser | | 10' | 20 | 320 |
| Screen | | 10' | 20 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|----------|--------|---------|------------|
| Riser | 1.25" | 2.5' | 10 | |
| Screen | | 2.5' | 10 | |
| Riser | & | 5.0' | 10 | 200 |
| Screen | | 5.0' | 10 | Mixed |
| Riser | 1.50" | 10' | 10 | 200 |
| Screen | | 10' | 10 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|----------|--------|---------|------------|
| Riser | 2.00" | 2.5' | 6 | |
| Screen | | 2.5' | 6 | |
| Riser | | 5.0' | 6 | 300 |
| Screen | | 5.0' | 6 | Mixed |
| Riser | | 10' | 6 | 300 |
| Screen | | 10' | 6 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|----------|--------|---------|------------|
| Riser | 3.00" | 2.5' | 5 | |
| Screen | | 2.5' | 5 | |
| Riser | | 5.0' | 5 | 60 |
| Screen | | 5.0' | 5 | Mixed |
| Riser | | 10' | 5 | 60 |
| Screen | | 10' | 5 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|----------|--------|---------|------------|
| Riser | 4.00" | 2.5' | 2 | |
| Screen | | 2.5' | 2 | |
| Riser | | 5.0' | 2 | 80 |
| Screen | | 5.0' | 2 | Mixed |
| Riser | | 10' | 2 | 80 |
| Screen | | 10' | 2 | Mixed |



SCH 80 Flush Thread PVC

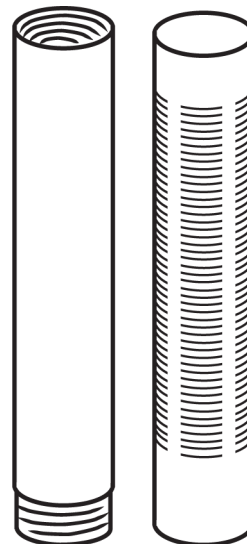
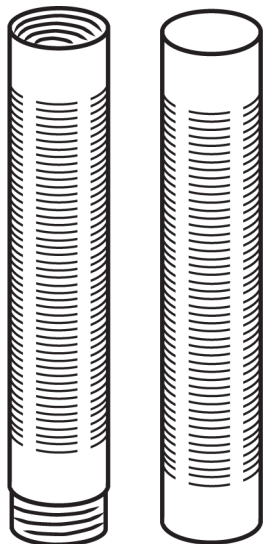
| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|--------------|--------|---------|------------|
| Riser | 5.00" | 2.5' | 2 | |
| Screen | | 2.5' | 2 | |
| Riser | | 5.0' | 2 | 30 |
| Screen | | 5.0' | 2 | Mixed |
| Riser | | 10' | 2 | 30 |
| Screen | | 10' | 2 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|--------------|--------|---------|------------|
| Riser | 6.00" | 2.5' | 2 | |
| Screen | | 2.5' | 2 | |
| Riser | | 5.0' | 2 | 30 |
| Screen | | 5.0' | 2 | Mixed |
| Riser | | 10' | 2 | 30 |
| Screen | | 10' | 2 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|--------------|--------|---------|------------|
| Riser | 8.00" | 2.5' | 1 | |
| Screen | | 2.5' | 1 | |
| Riser | | 5.0' | 1 | 16 |
| Screen | | 5.0' | 1 | Mixed |
| Riser | | 10' | 1 | 16 |
| Screen | | 10' | 1 | Mixed |

| Type | Diameter | Length | Box Qty | Pallet Qty |
|--------|---------------|--------|---------|------------|
| Riser | 10.00" | 2.5' | 1 | |
| Screen | | 2.5' | 1 | |
| Riser | | 5.0' | 1 | 16 |
| Screen | | 5.0' | 1 | Mixed |
| Riser | | 10' | 1 | 16 |
| Screen | | 10' | 1 | Mixed |

1 Custom and 20' lengths available in most sizes.
2 Plain End Screens available





UST Series Monitoring / Observation Wells

UST Series Monitoring Wells are recommended on any new tank installation to quickly detect hydrocarbon releases to ground water and/or vapors in the backfill material. Monitoring wells are used to detect leaks from piping, tanks, and spills and do not rely on meter calibration or inventory reconciliation to determine a problem. Hydrocarbon sensing devices are available to work in conjunction with our wells to provide continuous monitoring if desired.

Features:

- Precision machined from high quality Schedule 40 PVC pipe meeting all applicable standards.
- Available through 12" diameter and up to 20' in length meeting most major oil company specifications.
- Standard lengths are 13' with lower 10' slotted.
- All UST screens include a nylon riveted bottom plug and threaded adapters are available for most sizes.
- Standard .020" slots are perforated to provide maximum intake flow while maintaining strength. Other slot sizes are available on request.
- EMI screens are non-inked and shipped in durable poly bags to ensure cleanliness. They meet or exceed most insurance company, EPA, and PEI specifications.
- A complete line of manholes, adaptors, and caps are available to be shipped with your EMI UST screens.

Standard UST's

| Pipe Size | Length | Slot | Screen Length | Bottom Plug | Point Available |
|-----------------------------------|--------|------|---------------|-------------|-----------------|
| 2" | 13' | .020 | 10' | Yes | Yes |
| 4" | 13' | .020 | 10' | Yes | Yes |
| 4" | 15' | .020 | 12' | Yes | Yes |
| 4" | 16' | .020 | 13' | Yes | Yes |
| 4" | 20' * | .020 | 17' | Yes | Yes |
| 6" | 13' | .020 | 10' | Yes | |
| 8" | 13' | .020 | 10' | Yes | |
| 10" | 13' | .020 | 10' | Yes | |
| 12" | 13' | .020 | 10' | Yes | |
| 12" | 16' | 0.20 | 13' | Yes | |
| * Two 10' Sections | | | | | |
| ** Other configurations available | | | | | |

