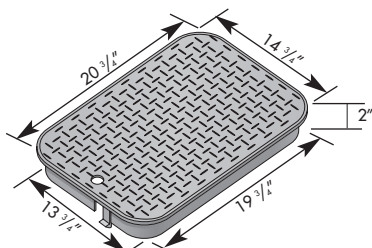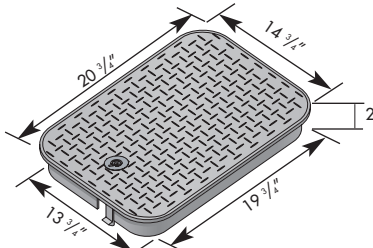![NDS logo] **NDS** WE PUT WATER IN ITS PLACE

# NDS D1500 Meter Boxes
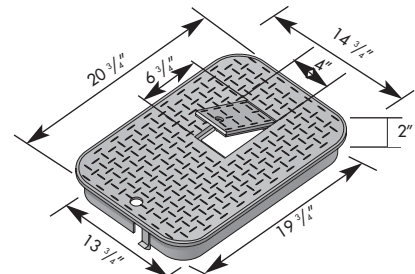
## NDS WATER METER BOXES AND COVERS

NDS 13"x 20" meter boxes and covers are injection molded of structural foam recycled polypropylene material with a melt index between 10-12. Coloring and UV stabilizers are added, along with processing lubricants when needed. The 13"x 20" body shall be tapered and have a minimum wall thickness of .25". The body shall have a double wall at the top cover seat area with a minimum thickness of .187". The cover seat area shall have 56 structural support ribs on the underside of the seat, each with a minimum thickness of $\frac{1}{50}$". The bottom of the body shall have a 1" flange. The 13"x 20" cover shall have an average thickness of .250".
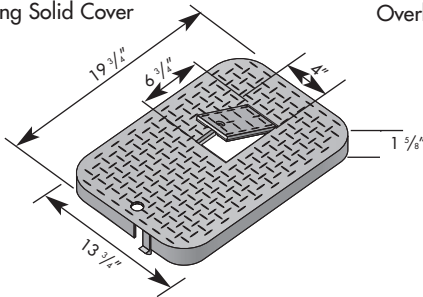
Overlapping Solid Cover

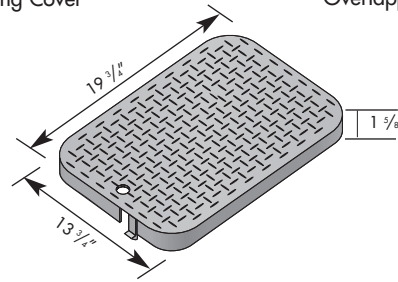Overlapping Locking Cover

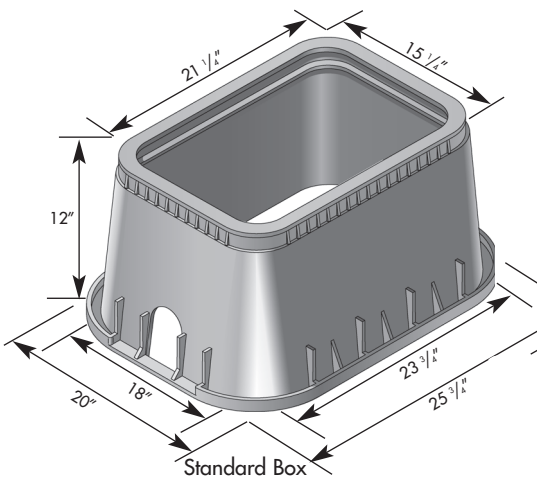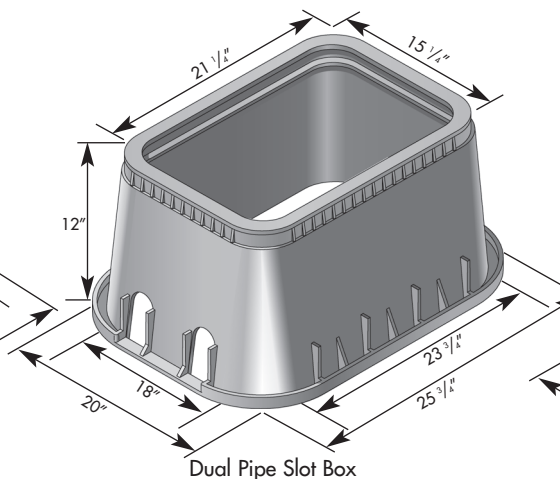Overlapping Reader Cover

Drop In Reader Cover
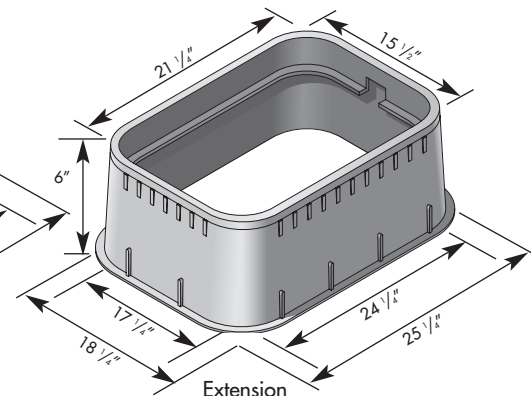
Drop In Solid Cover

Standard Box

Dual Pipe Slot Box

Extension

Product is not to be installed in concrete and is not to be used in vehicular applications. Weights and dimensions are nominal.

**NDS**

| Part Number | Box Description | Cover Description | Cover Type | Color (Box/Cover) | Weight (lbs) |
|---|---|---|---|---|---|
| **Drop In Box & Cover** | | | | | |
| D1500-DISB | 13"x20"x12" Jumbo Box | Drop-in Cover - Water Meter | Solid Plastic | Black/Black | 13.20 |
| D750E-DISB | 13"x20"x6" Extension | Drop-in Cover - Water Meter | Solid Plastic | Black/Black | 9.40 |
| D1500-DUDISB | 13"x20"x12" Dual Pipe Slot Jumbo Box | Drop-in Cover - Water Meter | Solid Plastic | Black/Black | 13.49 |
| D1500-BDDISB | 13"x20"x12" Jumbo Box | Bolt Down Drop-in Cover - Water Meter | Solid Plastic | Black/Black | 13.40 |
| D1500P-DISP | 13"x20"x12" Jumbo Box | Drop-in Cover - Reclaimed Water | Solid Plastic | Purple/Purple | 13.40 |
| D1500-BDDISP | 13"x20"x12" Jumbo Box | Bolt Down Drop-in Cover - Reclaimed Water | Solid Plastic | Black/Purple | 13.40 |
| D1500-DIRB | 13"x20"x12" Jumbo Box | Drop-in Meter Reader Cover - Water Meter | Plastic w/ Plastic Reader | Black/Black | 13.20 |
| D1500-DUDIRB | 13"x20"x12" Dual Pipe Slot Jumbo Box | Drop-in Meter Reader Cover - Water Meter | Plastic w/ Plastic Reader | Black/Black | 13.49 |
| D1500-DIRG | 13"x20"x12" Jumbo Box | Drop-in Meter Reader Cover - Water Meter | Plastic w/ Plastic Reader | Black/Green | 13.20 |
| D1500-DIRP | 13"x20"x12" Jumbo Box | Drop-in Meter Reader Cover - Reclaimed Water | Plastic w/ Plastic Reader | Black/Purple | 13.20 |
| D1500-DICIR | 13"x20"x12" Jumbo Box | Drop-in Meter Reader Cover - Water Meter | Plastic w/ Cast Iron Reader | Black/Black | 14.40 |
| D1500-DUDICIR | 13"x20"x12" Dual Pipe Slot Jumbo Box | Drop-in Meter Reader Cover - Water Meter | Plastic w/ Cast Iron Reader | Black/Black | 13.20 |
| D1500-DICIRP | 13"x20"x12" Jumbo Box | Drop-in Meter Reader Cover - Reclaimed Water | Plastic w/ Cast Iron Reader | Black/Purple | 14.40 |
| D1500-DICIRMPP | 13"x20"x12" Jumbo Box | Drop-in Meter Reader Cover - Water Meter | Plastic w/ Cast Iron Reader | Black/Purple | 13.49 |
| D1500P-DU-DICP | 13"x20"x12" Dual Pipe Slot Jumbo Box | Drop-in Meter Reader Cover - Water Meter | Plastic w/ Cast Iron Reader | Purple/Purple | 14.60 |
| **Overlapping Box & Cover** | | | | | |
| D1500-OLSB | 13"x20"x12" Jumbo Box | Overlapping Cover - Water Meter | Solid Plastic | Black/Black | 13.20 |
| D1500-BDOLSB | 13"x20"x12" Jumbo Box | Bolt Down Overlapping Cover - Water Meter | Solid Plastic | Black/Black | 13.40 |
| D1500-DUOLSB | 13"x20"x12" Dual Pipe Slot Jumbo Box | Overlapping Cover - Water Meter | Solid Plastic | Black/Black | 12.79 |
| D1500-OLSP | 13"x20"x12" Jumbo Box | Overlapping Cover - Reclaimed Water | Solid Plastic | Purple/Purple | 13.20 |
| D1500-OLRB | 13"x20"x12" Jumbo Box | Overlapping Meter Reader Cover - Water Meter | Plastic w/ Plastic Reader | Black/Black | 13.20 |
| D1500-DUOLRB | 13"x20"x12" Dual Pipe Slot Jumbo Box | Overlapping Meter Reader Cover - Water Meter | Plastic w/ Plastic Reader | Black/Black | 13.20 |
| D1500P-OLRP | 13"x20"x12" Jumbo Box | Overlapping Meter Reader Cover - Reclaimed Water | Plastic w/ Plastic Reader | Purple/Purple | 13.20 |
| D1500-OLCIR | 13"x20"x12" Jumbo Box | Overlapping Meter Reader Cover - Water Meter | Plastic w/ Cast Iron Reader | Black/Black | 14.40 |
| D1500-DUOLCIR | 13"x20"x12" Dual Pipe Slot Jumbo Box | Overlapping Meter Reader Cover - Water Meter | Plastic w/ Cast Iron Reader | Black/Black | 12.29 |
| **Drop In Cover Only** | | | | | |
| D1500-DISBL | | 13"x20" Drop-in Cover - Water Meter | Solid Plastic | Black | 3.80 |
| D1500-BDSB LID | | 13"x20" Bolt Down Drop-in Cover - Water Meter | Solid Plastic | Black | 3.80 |
| D1500-DISPL | | 13"x20" Drop-in Cover - Reclaimed Water | Solid Plastic | Purple | 3.80 |
| D1500-BDDISPL | | 13"x20" Bolt Down Drop-in Cover - Reclaimed Water | Solid Plastic | Purple | 3.80 |
| D1500-DIRBL | | 13"x20" Drop-in Meter Reader Cover - Water Meter | Plastic w/ Plastic Reader | Black | 3.80 |
| D1500-DIRGL | | 13"x20" Drop-in Meter Reader Cover - Water Meter | Plastic w/ Plastic Reader | Green | 3.80 |
| D1500-DIRP LID | | 13"x20" Drop-in Meter Reader Cover - Reclaimed Water | Plastic w/ Plastic Reader | Purple | 3.80 |
| D1500-DICIR LD | | 13"x20" Drop-in Meter Reader Cover - Water Meter | Plastic w/ Cast Iron Reader | Black | 5.00 |
| D1500-DICIRPLD | | 13"x20" Drop-in Meter Reader Cover - Reclaimed Water | Plastic w/ Cast Iron Reader | Purple | 5.00 |
| D1500-DICIMPPL | | 13"x20" Drop-in Meter Reader Cover - Reclaimed Water | Plastic w/ Cast Iron Reader | Purple | 4.58 |
| **Overlapping Cover Only** | | | | | |
| D1500-OLSBL | | 13"x20" Jumbo Overlapping Cover - Water Meter | Solid Plastic | Black | 3.80 |
| D1500-BD-OLSBL | | 13"x20" Jumbo Bolt Down Overlapping Cover - Water Meter | Solid Plastic | Black | 3.80 |
| D1500-OLSPL | | 13"x20" Jumbo Overlapping Cover - Reclaimed Water | Solid Plastic | Purple | 3.80 |
| D1500-OLRBL | | 13"x20" Jumbo Overlapping Meter Reader Cover - Water Meter | Plastic w/ Plastic Reader | Black | 3.80 |
| D1500-OLRP LID | | 13"x20" Jumbo Overlapping Meter Reader Cover - Reclaimed Water | Plastic w/ Plastic Reader | Purple | 3.80 |
| D1500-OLCIR LD | | 13"x20" Jumbo Overlapping Meter Reader Cover - Water Meter | Plastic w/ Cast Iron Reader | Black | 5.00 |
| **Box Only** | | | | | |
| D1500-B/O | 13"x20"x12" Jumbo Box | | | Black | 9.40 |
| D1500-DUB/O | 13"x20"x12" Dual Pipe Slot Jumbo Box | | | Black | 8.91 |
| D1500P B/O | 13"x20"x12" Jumbo Box | | | Purple | 9.40 |
| D1500P-DU B/O | 13"x20"x12" Dual Pipe Slot Jumbo Box | | | Purple | 9.60 |
| D1500-BDB/O | 13"X20"X12" Jumbo Bolt Down Box | | | Black | 9.60 |
| D750E-EXT | 13"x20"x6" Extension Only | | | Black | 5.60 |

Call for additional options and availability

## Properties of Unfoamed Resin

| | ASTM Test Method | Polypropylene |
|---|---|---|
| Tensile Strength, Yield | ASTM D 638 | 3300 psi |
| Density | ASTM D 792 | 0.915 |
| Durometer, Shore D | ASTM D 2240 | 66 |
| Flexural Modulus | ASTM D 790 | 191,000 psi |
| Notched Izod Impact Strength @ 23 degrees C. | ASTM D 256 | 1.43 ft. lbs/in. |
| Notched Izod Impact Strength @ 18 degrees C. | ASTM D 256 | 6.8 ft. lbs/in. |
| Heat Deflection Temperature @ 66 PSI, Degrees F. | ASTM D 648 | 209 degrees F. |

## Shipping Configuration

| | Box | Extension | Lid |
|---|---|---|---|
| Pallet | 48 | 36 | 96 |
| Pieces per Stack | 12 | 7 | 16 |
| Stack per Pallet | 4 | 4 | 6 |
| Pallet Dimensions | 42"x48"x48" | 42"x42"x48" | 42"x42"x36" |

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