

# Understanding Item Numbers

When selecting fiberglass conduit for a job, ask yourself these questions. ▼

## 1 Nominal Size

What nominal size conduit is required for the job?

3/4" x 10' (Avail. IPS only)	2" x 20'	4" x 20'	8" x 20'
1" x 10' (Avail. IPS only)	2-1/2" x 20'	4-1/2" x 20' (Avail. ID only)	10" x 20' (Avail. ID only)
1-1/4" x 20' (Avail. IPS only)	3" x 20'	5" x 20'	12" x 20' (Avail. ID only)
1-1/2" x 20' (Avail. IPS only)	3-1/2" x 20' (Avail. ID only)	6" x 20'	

## 2 Type

What type of conduit is required for the job?

A = IPS Below Ground (Iron Pipe Size)	F = ID Phenolic (Meets NFPA 130)
B = ID Below Ground (Tubular)	G = IPS Below Ground - grey in color
C = IPS Above Ground (Most Common)	H = ID Below Ground - grey in color
D = ID Above Ground	I = IPS Above Ground - grey in color
E = IPS Phenolic (Meets NFPA 130)	J = ID Above Ground - grey in color

Note: Above Ground conduit can be used Below Ground.

## 3 Thickness

What wall thickness is required for the job?

<b>SW</b> = Standard Wall (UL 3/4"-4") (Most common)	SW applies in most cases > unless:
<b>MW</b> = Medium Wall (UL designates Champion Fiberglass MW for 5" and 6" as SW) Used for more protection in 5" and 6"	1. Class I, Division 2 then XW Conduit is required
<b>HW</b> = Heavy Wall (UL 4"-6")	2. Extra physical protection is required
<b>XW</b> = Extra Heavy Wall (UL 3/4"-6") Highest level of physical protection Bullet resistant Class I, Division 2 and Class I, Zone 2 Applications	3. UL is required, then see catalog for UL listing
	4. Size of conduit
	5. Specifications (i.e. DOT)
	6. Extreme environments

Note: Reference Duct Catalog, page 6 for conduit selection, pages 141-152 for engineering data.

## 4 Joint

What joint type is required for the job?

<b>Interference Joint (Most Common)</b> Above Ground and Below Ground Available in 2"-8" IPS Available in 2"-12" ID	<b>Straight Socket</b> Available in 3/4"-12" IPS Available in 3/4"-12" XW
<b>Gasket Joint</b> Below Ground or constant temperature environment Available in 3/4"-8" IPS Available in 2"-6" ID	

Note: Reference Duct Catalog pages 12-13.

# 40 C SW 92 2D

Diameter	Type	Thickness	Conduit Length/Fittings	Suffix
<b>07</b> = 3/4"	<b>A</b> = IPS Below Ground	<b>SW</b> = Standard Wall	<b>10</b> = length of conduit in feet	<b>I</b> = Interference Joint
<b>10</b> = 1"	<b>B</b> = ID Below Ground	<b>MW</b> = Medium Wall	<b>20</b> = length of conduit in feet	<b>G</b> = Gasket Joint
<b>12</b> = 1-1/4"	<b>C</b> = IPS Above Ground	<b>HW</b> = Heavy Wall	<b>30</b> = Box Connector	<b>S</b> = Straight Socket
<b>15</b> = 1-1/2"	<b>D</b> = ID Above Ground	<b>XW</b> = Extra Heavy Wall, Bullet Resistant	<b>33</b> = Male Adapter	<b>CL</b> = Custom Length
<b>20</b> = 2"	<b>E</b> = IPS Phenolic		<b>32</b> = Female Terminal Adapter	<b>P</b> = Plain End Elbow
<b>25</b> = 2-1/2"	<b>F</b> = ID Phenolic		<b>42</b> = Sleeve Coupling	<b>2D</b> = 2 Deep Socket PVC Couplings bonded to elbow
<b>30</b> = 3"	<b>G</b> = IPS Below Ground		<b>40</b> = Stop Coupling	<b>1D</b> = 1 Deep Socket PVC Coupling bonded to elbow
<b>35</b> = 3-1/2"	<b>H</b> = ID Below Ground		<b>36</b> = Single Expansion Joint w/O-Ring	<b>2F</b> = 2 Fiberglass Couplings bonded to elbow
<b>40</b> = 4"	<b>I</b> = IPS Above Ground		<b>29</b> = End Bells	<b>1F</b> = 1 Fiberglass Coupling bonded to elbow
<b>45</b> = 4-1/2"	<b>J</b> = ID Above Ground		<b>28</b> = Split Anchor Rings	
<b>50</b> = 5"			<b>92</b> = Elbow 90° x 36"	
<b>60</b> = 6"			<b>LB</b> = Conduit Body LB	

40 C SW

**Note:**  
If the first five characters in a item number match, they will fit together.

**For Example:**

All items below are 4", IPS, SW, Above Ground

- 40 C SW 20 I** Conduit Interference Joint
- 40 C SW 33** Male Adapter
- 40 C SW LB** Conduit Body LB
- 40 C SW 92 P** Plain End Elbow