

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)
 B = ID Below Ground (Tubular)
 C = IPS Above Ground (Most Common)
 D = ID Above Ground
 E = IPS Phenolic (Meets NFPA 130)

F = ID Phenolic (Meets NFPA 130)
 G = IPS Below Ground – grey in color
 H = ID Below Ground – grey in color
 I = IPS Above Ground – grey in color
 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?

SW = Standard Wall (UL 3/4"-4")
 (Most common)
MW = Medium Wall (UL designates Champion Fiberglass
 MW for 5" and 6" as SW)
 Used for more protection in 5" and 6"
HW = Heavy Wall (UL 4"-6")
XW = Extra Heavy Wall (UL 3/4"-6")
 Highest level of physical protection
 Bullet resistant
 Class I, Division 2 and Class I, Zone 2 Applications

SW applies in most cases > unless:
 1. Class I, Division 2 then XW Conduit is required
 2. Extra physical protection is required
 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?

Interference Joint (Most Common)

Above Ground and Below Ground
 Available in 2"-8" IPS
 Available in 2"-12" ID

Gasket Joint

Below Ground or constant temperature environment
 Available in 3/4"-8" IPS
 Available in 2"-6" ID

Straight Socket

Available in 3/4"-12" IPS
 Available in 3/4"-12" XW

Note: Reference Duct Catalog pages 12-13.

40 C SW 92 2D

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

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