

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?

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



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