

# Straight Lengths

These lightweight conduit sections allow for a quick and easy installation.



## Types Available

10- or 20-foot lengths of:

- Standard Wall (SW), thickness .070"
- Medium Wall (MW), thickness .096"
- Heavy Wall (HW), thickness .110"
- Extra Heavy Wall (XW), thickness .250"

Designed for:

- IPS (Iron Pipe Size)

## Customization

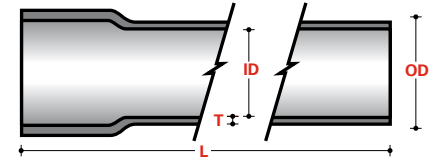
- Standard colors are black and grey.
- Custom colors available upon request.

## Certifications/Compliances

- UL 2420 (Below Ground) listed
- UL 2515 (Above Ground) listed
- ISO 9001 Certified
- ISO 14001 Certified

**STRAIGHT SOCKET JOINT**

	NOMINAL SIZE	TYPE SW (STANDARD WALL) INCHES (METRIC)										
		IPS ITEM NO		UL/CSA LISTED	OUTSIDE DIAMETER		MIN. INSIDE DIAMETER	NOMINAL WALL THICKNESS* (T)	LENGTH (L)		WEIGHT	
		BELOW GROUND	ABOVE GROUND		AVERAGE	TOLERANCE			LBS/FT	KG/M		
<input type="checkbox"/>	3/4" (19)	07A-SW-10S	07C-SW-10-S	Yes	1.050" (27)	+0.028" (0.7) -0.018" (0.4)	0.910" (23)	.070" (2)	10 ft (3 m)	.17 (0.25)		
<input type="checkbox"/>	1" (25)	10A-SW-10S	10C-SW-10-S	Yes	1.315" (33)	+0.028" (0.7) -0.018" (0.4)	1.175" (30)	.070" (2)	10 ft (3 m)	.19 (0.28)		
<input type="checkbox"/>	1-1/4" (32)	12A-SW-20-S	12C-SW-20-S	Yes	1.660" (42)	+0.028" (0.7) -0.018" (0.4)	1.520" (39)	.070" (2)	20 ft (6.1 m)	.23 (0.34)		
<input type="checkbox"/>	1-1/2" (38)	15A-SW-20-S	15C-SW-20-S	Yes	1.900" (48)	+0.028" (0.7) -0.018" (0.4)	1.760" (45)	.070" (2)	20 ft (6.1 m)	.33 (0.49)		

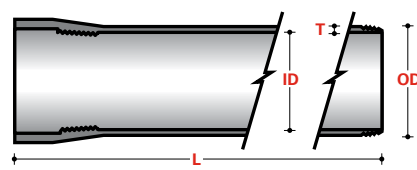


**INTERFERENCE JOINT\*\***

	NOMINAL SIZE	TYPE SW (STANDARD WALL) INCHES (METRIC)										
		IPS ITEM NO		UL/CSA LISTED	OUTSIDE DIAMETER		MIN. INSIDE DIAMETER	NOMINAL WALL THICKNESS* (T)	LENGTH (L)		WEIGHT	
		BELOW GROUND	ABOVE GROUND		AVERAGE	TOLERANCE			LBS/FT	KG/M		
<input type="checkbox"/>	2" (51)	20A-SW-20-I	20C-SW-20-I	Yes	2.375" (60)	+0.028" (0.7) -0.018" (0.4)	2.235" (57)	.070" (2)	20 ft (6.1 m)	.38 (0.57)		
<input type="checkbox"/>	2-1/2" (64)	25A-SW-20-I	25C-SW-20-I	Yes	2.875" (73)	+0.028" (0.7) -0.018" (0.4)	2.740" (69)	.070" (2)	20 ft (6.1 m)	.46 (0.68)		
<input type="checkbox"/>	3" (76)	30A-SW-20-I	30C-SW-20-I	Yes	3.500" (89)	+0.028" (0.7) -0.018" (0.4)	3.360" (85)	.070" (2)	20 ft (6.1 m)	.60 (0.89)		
<input type="checkbox"/>	4" (102)	40A-SW-20-I	40C-SW-20-I	Yes	4.460" (113)	+0.028" (0.7) -0.018" (0.4)	4.320" (110)	.070" (2)	20 ft (6.1 m)	.72 (1.07)		
<input type="checkbox"/>	5" (127)	50A-SW-20-I	50C-SW-20-I	-	5.520" (140)	+0.028" (0.7) -0.018" (0.4)	5.380" (137)	.070" (2)	20 ft (6.1 m)	.90 (1.34)		
<input type="checkbox"/>	6" (152)	60A-SW-20-I	60C-SW-20-I	-	6.575" (167)	+0.028" (0.7) -0.018" (0.4)	6.435" (163)	.070" (2)	20 ft (6.1 m)	1.00 (1.49)		
<input type="checkbox"/>	8" (203)	80A-SW-20-I	80C-SW-20-I	-	8.592" (218)	+0.028" (0.7) -0.018" (0.4)	8.400" (213)	.096" (2)	20 ft (6.1 m)	2.02 (3.01)		

TYPE MW (MEDIUM WALL) INCHES (METRIC)***											
<input type="checkbox"/>	5" (127)	50A-MW-20-I	50C-MW-20-I	Yes	5.572" (142)	+0.034" (0.9) -0.028" (0.7)	5.380" (137)	.096" (2)	20 ft (6.1 m)	1.20 (1.79)	
<input type="checkbox"/>	6" (152)	60A-MW-20-I	60C-MW-20-I	Yes	6.627" (168)	+0.034" (0.9) -0.028" (0.7)	6.435" (163)	.096" (2)	20 ft (6.1 m)	1.42 (2.11)	
<input type="checkbox"/>	8" (203)	80A-MW-20-I	80C-MW-20-I	-	8.620" (219)	+0.034" (0.9) -0.028" (0.7)	8.400" (213)	.110" (3)	20 ft (6.1 m)	2.14 (3.20)	

TYPE HW (HEAVY WALL) INCHES (METRIC)											
<input type="checkbox"/>	4" (102)	40A-HW-20-I	40C-HW-20-I	Yes	4.512" (115)	+0.028" (0.7) -0.022" (0.6)	4.320" (110)	.096" (2)	20 ft (6.1 m)	0.97 (1.44)	
<input type="checkbox"/>	5" (127)	50A-HW-20-I	50C-HW-20-I	Yes	5.600" (142)	+0.034" (0.9) -0.028" (0.7)	5.380" (137)	.110" (3)	20 ft (6.1 m)	1.32 (1.96)	
<input type="checkbox"/>	6" (152)	60A-HW-20-I	60C-HW-20-I	Yes	6.655" (169)	+0.034" (0.9) -0.028" (0.7)	6.435" (163)	.110" (3)	20 ft (6.1 m)	1.63 (2.43)	
<input type="checkbox"/>	8" (203)	80A-HW-20-I	80C-HW-20-I	-	8.650" (220)	+0.034" (0.9) -0.028" (0.7)	8.400" (213)	.125" (3)	20 ft (6.1 m)	2.43 (3.62)	

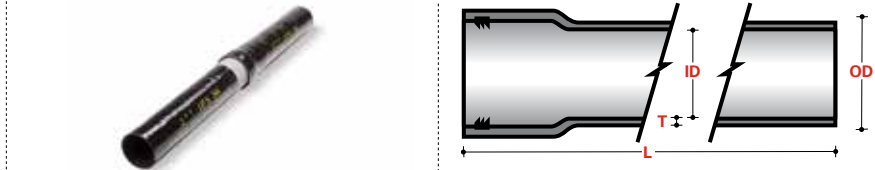


\* Actual wall thickness is that required to meet the performance requirements for specifications. Other wall thicknesses are available by special request.  
 \*\* When ordering 10 ft (3.05 m) lengths, half of the order will be supplied with interference joint and half with straight socket joint.  
 \*\*\* UL designates Champion Fiberglass MW for 5" and 6" as SW.



**STRAIGHT GASKET JOINT**

	TYPE SW (STANDARD WALL) INCHES (METRIC)										
	NOMINAL SIZE	IPS ITEM NO		UL/CSA LISTED	OUTSIDE DIAMETER		MIN. INSIDE DIAMETER	NOMINAL WALL THICKNESS* (T)	LENGTH (L)	WEIGHT	
		BELOW GROUND	ABOVE GROUND		AVERAGE	TOLERANCE				LBS/FT	KG/M
<input type="checkbox"/>	3/4" (19)	07A-SW-10-G	07C-SW-10-G	Yes	1.050" (27)	+0.028" (0.7) -0.018" (0.4)	0.910" (23)	.070" (2)	10 ft (3 m)	.17 (0.25)	
<input type="checkbox"/>	1" (25)	10A-SW-10-G	10C-SW-10-G	Yes	1.315" (33)	+0.028" (0.7) -0.018" (0.4)	1.175" (30)	.070" (2)	10 ft (3 m)	.19 (0.28)	
<input type="checkbox"/>	1-1/4" (32)	12A-SW-20-G	12C-SW-20-G	Yes	1.660" (42)	+0.028" (0.7) -0.018" (0.4)	1.520" (39)	.070" (2)	20 ft (6.1 m)	.23 (0.34)	
<input type="checkbox"/>	1-1/2" (38)	15A-SW-20-G	15C-SW-20-G	Yes	1.900" (48)	+0.028" (0.7) -0.018" (0.4)	1.760" (45)	.070" (2)	20 ft (6.1 m)	.33 (0.49)	



**INTERFERENCE GASKET JOINT\*\***

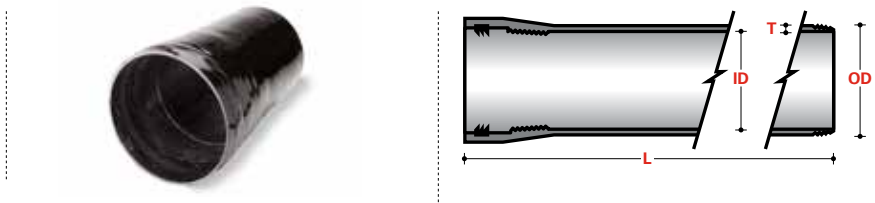


For further information, use your smart phone's QR code scanner to learn more about Interference Gasket Joints.

	TYPE SW (STANDARD WALL) INCHES (METRIC)										
	NOMINAL SIZE	IPS ITEM NO		UL/CSA LISTED	OUTSIDE DIAMETER		MIN. INSIDE DIAMETER	NOMINAL WALL THICKNESS* (T)	LENGTH (L)	WEIGHT	
		BELOW GROUND	ABOVE GROUND		AVERAGE	TOLERANCE				LBS/FT	KG/M
<input type="checkbox"/>	2" (51)	20A-SW-20-G	20C-SW-20-G	Yes	2.375" (60)	+0.028" (0.7) -0.018" (0.4)	2.235" (57)	.070" (2)	20 ft (6.1 m)	0.38 (0.57)	
<input type="checkbox"/>	3" (76)	30A-SW-20-G	30C-SW-20-G	Yes	3.500" (89)	+0.028" (0.7) -0.018" (0.4)	3.360" (85)	.070" (2)	20 ft (6.1 m)	0.60 (0.90)	
<input type="checkbox"/>	4" (102)	40A-SW-20-G	40C-SW-20-G	Yes	4.460" (113)	+0.028" (0.7) -0.018" (0.4)	4.320" (110)	.070" (2)	20 ft (6.1 m)	0.72 (1.07)	
<input type="checkbox"/>	5" (127)	50A-SW-20-G	50C-SW-20-G	-	5.520" (140)	+0.028" (0.7) -0.018" (0.4)	5.380" (137)	.070" (2)	20 ft (6.1 m)	0.90 (1.34)	
<input type="checkbox"/>	6" (152)	60A-SW-20-G	60C-SW-20-G	-	6.575" (167)	+0.028" (0.7) -0.018" (0.4)	6.435" (163)	.070" (2)	20 ft (6.1 m)	1.00 (1.49)	
<input type="checkbox"/>	8" (203)	80A-SW-20-G	80C-SW-20-G	-	8.592" (218)	+0.028" (0.7) -0.018" (0.4)	8.400" (213)	.096" (2)	20 ft (6.1 m)	2.02 (3.01)	

	TYPE MW (MEDIUM WALL) INCHES (METRIC)***										
	NOMINAL SIZE	IPS ITEM NO		UL/CSA LISTED	OUTSIDE DIAMETER		MIN. INSIDE DIAMETER	NOMINAL WALL THICKNESS* (T)	LENGTH (L)	WEIGHT	
		BELOW GROUND	ABOVE GROUND		AVERAGE	TOLERANCE				LBS/FT	KG/M
<input type="checkbox"/>	5" (127)	50A-MW-20-G	50C-MW-20-G	Yes	5.572" (142)	+0.034" (0.9) -0.028" (0.7)	5.380" (137)	.096" (2)	20 ft (6.1 m)	1.20 (1.79)	
<input type="checkbox"/>	6" (152)	60A-MW-20-G	60C-MW-20-G	Yes	6.627" (168)	+0.034" (0.9) -0.028" (0.7)	6.435" (163)	.096" (2)	20 ft (6.1 m)	1.42 (2.11)	
<input type="checkbox"/>	8" (203)	80A-MW-20-G	80C-MW-20-G	-	8.620" (219)	+0.028" (0.7) -0.018" (0.4)	8.400" (213)	.110" (3)	20 ft (6.1 m)	2.14 (3.20)	

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	NOMINAL SIZE	IPS ITEM NO		UL/CSA LISTED	OUTSIDE DIAMETER		MIN. INSIDE DIAMETER	NOMINAL WALL THICKNESS* (T)	LENGTH (L)	WEIGHT	
		BELOW GROUND	ABOVE GROUND		AVERAGE	TOLERANCE				LBS/FT	KG/M
<input type="checkbox"/>	4" (102)	40A-HW-20-G	40C-HW-20-G	Yes	4.512" (115)	+0.028" (0.7) -0.022" (0.6)	4.320" (110)	.096" (2)	20 ft (6.1 m)	0.97 (1.44)	
<input type="checkbox"/>	5" (127)	50A-HW-20-G	50C-HW-20-G	Yes	5.600" (142)	+0.034" (0.9) -0.028" (0.7)	5.380" (137)	.110" (3)	20 ft (6.1 m)	1.32 (1.96)	
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CONDUIT STRAIGHT LENGTHS (IPS)