

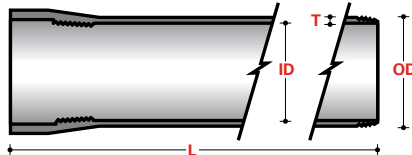
# Straight Lengths

## INTERFERENCE JOINT\*\*

	NOMINAL SIZE	ID 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		
		(IN)	(MM)		(IN)	(MM)						
<input type="checkbox"/>	2" (51)	20B-SW-20-I	20D-SW-20-I	Yes	2.140" (54)	+0.028" (0.7) -0.018" (0.4)	2.000" (51)	.070" (2)	20 ft (6.1 m)	0.34 (0.51)		
<input type="checkbox"/>	2-1/2" (64)	25B-SW-20-I	25D-SW-20-I	Yes	2.640" (67)	+0.028" (0.7) -0.018" (0.4)	2.500" (64)	.070" (2)	20 ft (6.1 m)	0.42 (0.63)		
<input type="checkbox"/>	3" (76)	30B-SW-20-I	30D-SW-20-I	Yes	3.140" (80)	+0.028" (0.7) -0.018" (0.4)	3.000" (76)	.070" (2)	20 ft (6.1 m)	0.48 (0.72)		
<input type="checkbox"/>	3-1/2" (89)	35B-SW-20-I	35D-SW-20-I	Yes	3.640" (92)	+0.028" (0.7) -0.018" (0.4)	3.500" (89)	.070" (2)	20 ft (6.1 m)	0.60 (0.89)		
<input type="checkbox"/>	4" (102)	40B-SW-20-I	40D-SW-20-I	Yes	4.140" (105)	+0.028" (0.7) -0.018" (0.4)	4.000" (101)	.070" (2)	20 ft (6.1 m)	0.69 (1.03)		
<input type="checkbox"/>	4-1/2" (114)	45B-SW-20-I	45D-SW-20-I	-	4.640" (118)	+0.028" (0.7) -0.018" (0.4)	4.500" (114)	.070" (2)	20 ft (6.1 m)	0.75 (1.12)		
<input type="checkbox"/>	5" (127)	50B-SW-20-I	50D-SW-20-I	-	5.140" (131)	+0.028" (0.7) -0.018" (0.4)	5.000" (127)	.070" (2)	20 ft (6.1 m)	0.85 (1.27)		
<input type="checkbox"/>	6" (152)	60B-SW-20-I	60D-SW-20-I	-	6.140" (156)	+0.028" (0.7) -0.018" (0.4)	6.000" (152)	.070" (2)	20 ft (6.1 m)	1.02 (1.52)		
<input type="checkbox"/>	8" (203)	80B-SW-20-S	80D-SW-20-S	-	8.192" (208)	+0.028" (0.7) -0.018" (0.4)	8.000" (203)	.096" (2)	20 ft (6.1 m)	1.86 (2.77)		
<input type="checkbox"/>	10" (254)	100B-SW-20-S	100D-SW-20-S	-	10.250" (260)	+0.028" (0.7) -0.018" (0.4)	10.000" (254)	.125" (3)	20 ft (6.1 m)	3.04 (4.52)		
<input type="checkbox"/>	12" (305)	120B-SW-20-S	120D-SW-20-S	-	12.250" (311)	+0.028" (0.7) -0.018" (0.4)	12.000" (305)	.125" (3)	20 ft (6.1 m)	3.64 (5.42)		

TYPE MW (MEDIUM WALL) INCHES (METRIC)***												
	NOMINAL SIZE	ID ITEM NO	UL/CSA LISTED	AVERAGE	TOLERANCE	MIN. INSIDE DIAMETER	NOMINAL WALL THICKNESS* (T)	LENGTH (L)		WEIGHT		
	(IN)	(MM)		(IN)	(MM)	(IN)	(IN)	L	M	LBS/FT	KG/M	
<input type="checkbox"/>	5" (127)	50B-MW-20-I	50D-MW-20-I	Yes	5.192" (131)	+0.034" (0.9) -0.028" (0.7)	5.000" (127)	.096" (2)	20 ft (6.1 m)	1.13 (1.68)		
<input type="checkbox"/>	6" (152)	60B-MW-20-I	60D-MW-20-I	Yes	6.192" (157)	+0.034" (0.9) -0.028" (0.7)	6.000" (152)	.096" (2)	20 ft (6.1 m)	1.35 (2.01)		
<input type="checkbox"/>	8" (203)	80B-MW-20-S	80D-MW-20-S	-	8.220" (209)	+0.028" (0.7) -0.018" (0.4)	8.000" (203)	.110" (3)	20 ft (6.1 m)	2.13 (3.17)		
<input type="checkbox"/>	10" (254)	100B-MW-20-S	100D-MW-20-S	-	10.312" (262)	+0.034" (0.9) -0.028" (0.7)	10.000" (254)	.156" (4)	20 ft (6.1 m)	3.65 (5.43)		
<input type="checkbox"/>	12" (305)	120B-MW-20-S	120D-MW-20-S	-	12.312" (313)	+0.034" (0.9) -0.028" (0.7)	12.000" (305)	.156" (4)	20 ft (6.1 m)	4.37 (6.50)		

TYPE HW (HEAVY WALL) INCHES (METRIC)												
	NOMINAL SIZE	ID ITEM NO	UL/CSA LISTED	AVERAGE	TOLERANCE	MIN. INSIDE DIAMETER	NOMINAL WALL THICKNESS* (T)	LENGTH (L)		WEIGHT		
	(IN)	(MM)		(IN)	(MM)	(IN)	(IN)	L	M	LBS/FT	KG/M	
<input type="checkbox"/>	4" (102)	40B-HW-20-I	40D-HW-20-I	Yes	4.192" (106)	+0.028" (0.7) -0.022" (0.6)	4.000" (101)	.096" (2)	20 ft (6.1 m)	0.92 (1.37)		
<input type="checkbox"/>	4-1/2" (114)	45B-HW-20-I	45D-HW-20-I	Yes	4.692" (119)	+0.028" (0.7) -0.022" (0.6)	4.500" (114)	.110" (2)	20 ft (6.1 m)	1.04 (1.55)		
<input type="checkbox"/>	5" (127)	50B-HW-20-I	50D-HW-20-I	Yes	5.220" (132)	+0.034" (0.9) -0.028" (0.7)	5.000" (127)	.110" (3)	20 ft (6.1 m)	1.30 (1.92)		
<input type="checkbox"/>	6" (152)	60B-HW-20-I	60D-HW-20-I	Yes	6.220" (158)	+0.034" (0.9) -0.028" (0.7)	6.000" (152)	.110" (3)	20 ft (6.1 m)	1.58 (2.35)		
<input type="checkbox"/>	8" (203)	80B-HW-20-S	80D-HW-20-S	-	8.250" (210)	+0.028" (0.7) -0.018" (0.4)	8.000" (203)	.125" (3)	20 ft (6.1 m)	2.42 (3.60)		
<input type="checkbox"/>	10" (254)	100B-HW-20-S	100D-HW-20-S	-	10.376" (264)	+0.034" (0.9) -0.028" (0.7)	10.000" (254)	.188" (5)	20 ft (6.1 m)	4.50 (6.70)		
<input type="checkbox"/>	12" (305)	120B-HW-20-S	120D-HW-20-S	-	12.376" (314)	+0.034" (0.9) -0.028" (0.7)	12.000" (305)	.188" (5)	20 ft (6.1 m)	5.38 (8.01)		



\* 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.

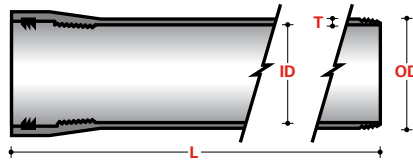
\*\*\* UL designates Champion Fiberglass MW for 5" and 6" as SW.

**GASKET JOINT**

	TYPE SW (STANDARD WALL) INCHES (METRIC)													
	NOMINAL SIZE	ID 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)	20B-SW-20-G	20D-SW-20-G	Yes	2.140" (54)	+0.028" (0.7) -0.018" (0.4)	2.000" (51)	.070" (2)	20 ft (6.1 m)	0.34	(0.51)			
<input type="checkbox"/>	2-1/2" (64)	25B-SW-20-G	25D-SW-20-G	Yes	2.640" (67)	+0.028" (0.7) -0.018" (0.4)	2.500" (64)	.070" (2)	20 ft (6.1 m)	0.42	(0.63)			
<input type="checkbox"/>	3" (76)	30B-SW-20-G	30D-SW-20-G	Yes	3.140" (80)	+0.028" (0.7) -0.018" (0.4)	3.000" (76)	.070" (2)	20 ft (6.1 m)	0.48	(0.71)			
<input type="checkbox"/>	3-1/2" (89)	35B-SW-20-G	35D-SW-20-G	Yes	3.640" (92)	+0.028" (0.7) -0.018" (0.4)	3.500" (89)	.070" (2)	20 ft (6.1 m)	0.60	(0.89)			
<input type="checkbox"/>	4" (102)	40B-SW-20-G	40D-SW-20-G	Yes	4.140" (105)	+0.028" (0.7) -0.018" (0.4)	4.000" (101)	.070" (2)	20 ft (6.1 m)	0.79	(1.18)			
<input type="checkbox"/>	4-1/2" (114)	45B-SW-20-G	45D-SW-20-G	-	4.640" (118)	+0.028" (0.7) -0.018" (0.4)	4.500" (114)	.070" (2)	20 ft (6.1 m)	0.89	(1.32)			
<input type="checkbox"/>	5" (127)	50B-SW-20-G	50D-SW-20-G	-	5.140" (131)	+0.028" (0.7) -0.018" (0.4)	5.000" (127)	.070" (2)	20 ft (6.1 m)	0.95	(1.41)			
<input type="checkbox"/>	6" (152)	60B-SW-20-G	60D-SW-20-G	-	6.140" (156)	+0.028" (0.7) -0.018" (0.4)	6.000" (152)	.070" (2)	20 ft (6.1 m)	1.02	(1.52)			

TYPE MW (MEDIUM WALL) INCHES (METRIC)**													
<input type="checkbox"/>	5" (127)	50B-MW-20-G	50D-MW-20-G	Yes	5.192" (131)	+0.034" (0.9) -0.028" (0.7)	5.000" (127)	.096" (2)	20 ft (6.1 m)	1.13	(1.68)		
<input type="checkbox"/>	6" (152)	60B-MW-20-G	60D-MW-20-G	Yes	6.192" (157)	+0.034" (0.9) -0.028" (0.7)	6.000" (152)	.096" (2)	20 ft (6.1 m)	1.35	(2.01)		

TYPE HW (HEAVY WALL) INCHES (METRIC)													
<input type="checkbox"/>	4" (102)	40B-HW-20-G	40D-HW-20-G	Yes	4.192" (106)	+0.028" (0.7) -0.022" (0.6)	4.000" (101)	.096" (2)	20 ft (6.1 m)	0.92	(1.37)		
<input type="checkbox"/>	4-1/2" (114)	45B-HW-20-G	45D-HW-20-G	Yes	4.692" (119)	+0.028" (0.7) -0.022" (0.6)	4.500" (114)	.096" (2)	20 ft (6.1 m)	1.04	(1.55)		
<input type="checkbox"/>	5" (127)	50B-HW-20-G	50D-HW-20-G	Yes	5.220" (132)	+0.034" (0.9) -0.028" (0.7)	5.000" (127)	.110" (3)	20 ft (6.1 m)	1.30	(1.92)		
<input type="checkbox"/>	6" (152)	60B-HW-20-G	60D-HW-20-G	Yes	6.220" (158)	+0.034" (0.9) -0.028" (0.7)	6.000" (152)	.110" (3)	20 ft (6.1 m)	1.58	(2.35)		



\* Actual wall thickness is that required to meet the performance requirements for specifications. Other wall thicknesses are available by special request.

\*\* UL designates Champion Fiberglass MW for 5" and 6" as SW.

