

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

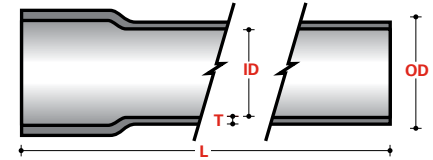
- Standard colors are black and grey.
- Custom colors available upon request.

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) | | |

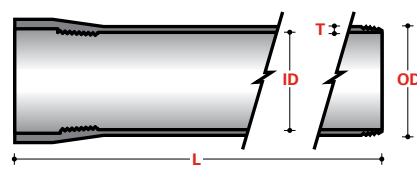


INTERFERENCE JOINT**

| | 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.

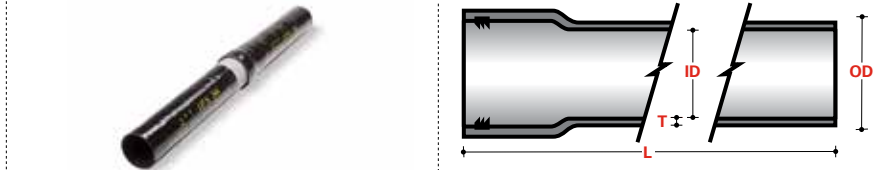
** When ordering 10 ft (3.05 m) lengths, half of the order will be supplied with interference joint and half with straight socket joint.

*** 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**

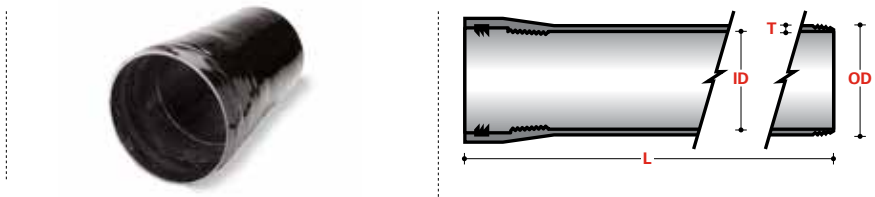


For further information, use your smart phone's QR code scanner to learn more about Interference Gasket Joints.

| | 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) | |

| | TYPE HW (HEAVY 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"/> | 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) | |
| <input type="checkbox"/> | 6" (152) | 60A-HW-20-G | 60C-HW-20-G | 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-G | 80C-HW-20-G | - | 8.650" (220) | +0.028" (0.7) -0.018" (0.4) | 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.

CONDUIT STRAIGHT LENGTHS (IPS)