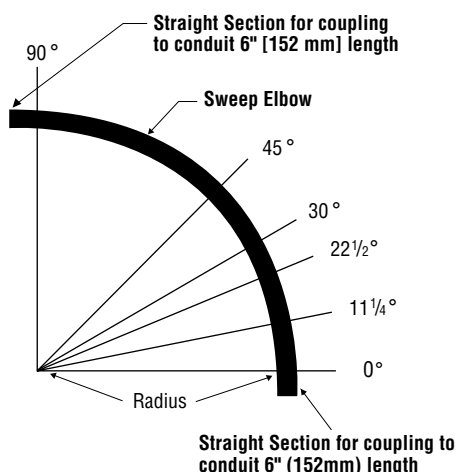
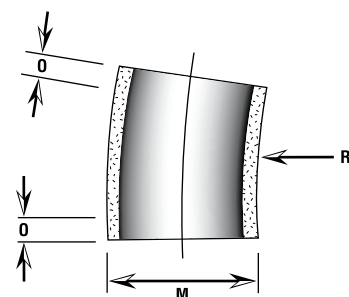




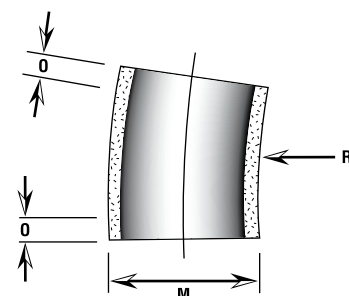
## ELBOWS

Radii listed are available and larger radii can be supplied. Contact your local representative for more information. All bends are supplied with plain ends. To enhance installation, bends can be supplied with one or two bonded on couplings. Contact your local sales representative or Champion Fiberglass directly for information.



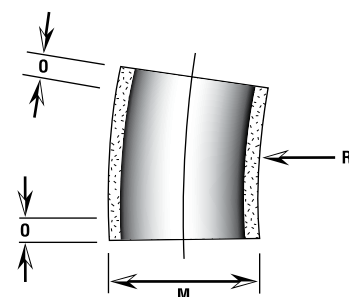
**11 1/4° X 12°**

| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs kg |
|--------------|------|-------------|------------|-----------------|------------------|---------------|
| 3/4          | XW   | 07C-XW-50-P | 1.41 (36)  | 6 (152)         | 12 (305)         | 0.71 (0.32)   |
| 1            | XW   | 10C-XW-50-P | 1.68 (43)  | 6 (152)         | 12 (305)         | 0.79 (0.36)   |
| 1 1/4        | XW   | 12C-XW-50-P | 2.02 (51)  | 6 (152)         | 12 (305)         | 0.96 (0.43)   |
| 1 1/2        | XW   | 15C-XW-50-P | 2.26 (57)  | 6 (152)         | 12 (305)         | 1.38 (0.63)   |
| 2            | XW   | 20D-XW-50-P | 2.50 (63)  | 6 (152)         | 12 (305)         | 1.47 (0.67)   |
| 2 1/2        | XW   | 25D-XW-50-P | 3.00 (76)  | 6 (152)         | 12 (305)         | 1.80 (0.82)   |
| 3            | XW   | 30D-XW-50-P | 4.00 (102) | 6 (152)         | 12 (305)         | 2.45 (1.11)   |



**11 1/4° X 24°**

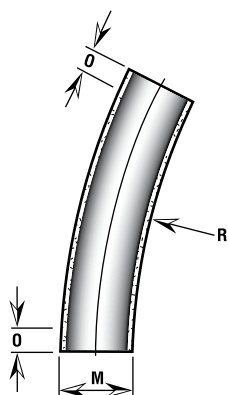
| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs kg |
|--------------|------|-------------|------------|-----------------|------------------|---------------|
| 3/4          | XW   | 07C-XW-51-P | 1.41 (36)  | 6 (152)         | 24 (610)         | 0.87 (0.39)   |
| 1            | XW   | 10C-XW-51-P | 1.68 (43)  | 6 (152)         | 24 (610)         | 0.97 (0.44)   |
| 1 1/4        | XW   | 12C-XW-51-P | 2.02 (51)  | 6 (152)         | 24 (610)         | 1.16 (0.53)   |
| 1 1/2        | XW   | 15C-XW-51-P | 2.26 (57)  | 6 (152)         | 24 (610)         | 1.68 (0.76)   |
| 2            | XW   | 20D-XW-51-P | 2.50 (63)  | 6 (152)         | 24 (610)         | 1.79 (0.81)   |
| 2 1/2        | XW   | 25D-XW-51-P | 3.00 (76)  | 6 (152)         | 24 (610)         | 2.19 (0.99)   |
| 3            | XW   | 30D-XW-51-P | 3.50 (89)  | 6 (152)         | 24 (610)         | 2.58 (1.17)   |
| 3 1/2        | XW   | 35D-XW-51-P | 4.00 (102) | 6 (152)         | 24 (610)         | 2.98 (1.35)   |
| 4            | XW   | 40D-XW-51-P | 4.50 (114) | 6 (152)         | 24 (610)         | 3.38 (1.53)   |



**11 1/4° X 36°**

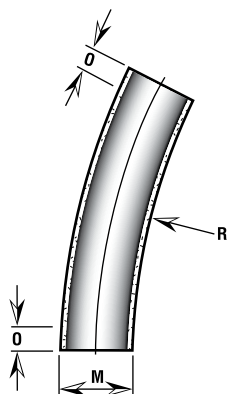
| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs kg |
|--------------|------|-------------|------------|-----------------|------------------|---------------|
| 3/4          | XW   | 07C-XW-52-P | 1.41 (36)  | 6 (152)         | 36 (914)         | 0.97 (0.44)   |
| 1            | XW   | 10C-XW-52-P | 1.68 (43)  | 6 (152)         | 36 (914)         | 1.08 (0.49)   |
| 1 1/4        | XW   | 12C-XW-52-P | 2.02 (51)  | 6 (152)         | 36 (914)         | 1.30 (0.59)   |
| 1 1/2        | XW   | 15C-XW-52-P | 2.26 (57)  | 6 (152)         | 36 (914)         | 1.87 (0.85)   |
| 2            | XW   | 20D-XW-52-P | 2.50 (64)  | 6 (152)         | 36 (914)         | 2.00 (0.91)   |
| 2 1/2        | XW   | 25D-XW-52-P | 3.00 (76)  | 6 (152)         | 36 (914)         | 2.44 (1.11)   |
| 3            | XW   | 30D-XW-52-P | 3.50 (89)  | 6 (152)         | 36 (914)         | 2.88 (1.31)   |
| 3 1/2        | XW   | 35D-XW-52-P | 4.00 (102) | 6 (152)         | 36 (914)         | 3.33 (1.51)   |
| 4            | XW   | 40D-XW-52-P | 4.50 (114) | 6 (152)         | 36 (914)         | 3.77 (3.77)   |
| 5            | XW   | 50D-XW-52-P | 5.50 (140) | 6 (152)         | 36 (914)         | 4.64 (2.11)   |
| 6            | XW   | 60D-XW-52-P | 6.50 (165) | 6 (152)         | 36 (914)         | 5.53 (2.51)   |

# ELBOWS



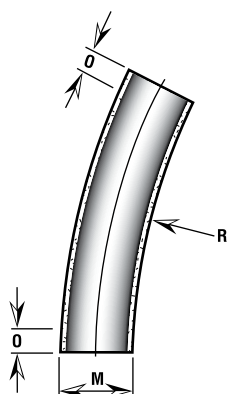
**22 1/2° X 12"**

| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs  | kg |
|--------------|------|-------------|------------|-----------------|------------------|-------------|----|
| 3/4          | XW   | 07C-XW-60-P | 1.41 (36)  | 6 (152)         | 12 (305)         | 0.87 (0.39) |    |
| 1            | XW   | 10C-XW-60-P | 1.68 (43)  | 6 (152)         | 12 (305)         | 0.97 (0.44) |    |
| 1 1/4        | XW   | 12C-XW-60-P | 2.02 (51)  | 6 (152)         | 12 (305)         | 1.16 (0.53) |    |
| 1 1/2        | XW   | 15C-XW-60-P | 2.26 (57)  | 6 (152)         | 12 (305)         | 1.68 (0.76) |    |
| 2            | XW   | 20D-XW-60-P | 2.50 (63)  | 6 (152)         | 12 (305)         | 1.79 (0.81) |    |
| 2 1/2        | XW   | 25D-XW-60-P | 3.00 (76)  | 6 (152)         | 12 (305)         | 2.19 (0.99) |    |
| 3            | XW   | 30D-XW-60-P | 3.50 (89)  | 6 (152)         | 12 (305)         | 2.58 (1.17) |    |
| 3 1/2        | XW   | 35D-XW-60-P | 4.00 (102) | 6 (152)         | 12 (305)         | 2.98 (1.35) |    |



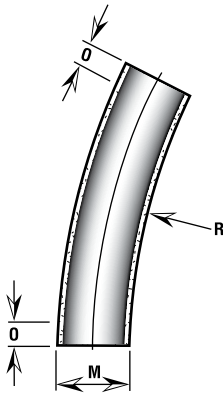
**22 1/2° X 24"**

| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs  | kg |
|--------------|------|-------------|------------|-----------------|------------------|-------------|----|
| 3/4          | XW   | 07C-XW-61-P | 1.41 (36)  | 6 (152)         | 24 (610)         | 1.07 (0.48) |    |
| 1            | XW   | 10C-XW-61-P | 1.68 (43)  | 6 (152)         | 24 (610)         | 1.19 (0.54) |    |
| 1 1/4        | XW   | 12C-XW-61-P | 2.02 (51)  | 6 (152)         | 24 (610)         | 1.44 (0.65) |    |
| 1 1/2        | XW   | 15C-XW-61-P | 2.26 (57)  | 6 (152)         | 24 (610)         | 2.07 (0.94) |    |
| 2            | XW   | 20D-XW-61-P | 2.50 (65)  | 6 (152)         | 24 (610)         | 2.21 (1.00) |    |
| 2 1/2        | XW   | 25D-XW-61-P | 3.00 (76)  | 6 (152)         | 24 (610)         | 2.70 (1.23) |    |
| 3            | XW   | 30D-XW-61-P | 3.50 (89)  | 6 (152)         | 24 (610)         | 3.32 (1.51) |    |
| 3 1/2        | XW   | 35D-XW-61-P | 4.00 (102) | 6 (152)         | 24 (610)         | 3.83 (1.74) |    |
| 4            | XW   | 40D-XW-61-P | 4.50 (114) | 6 (152)         | 24 (610)         | 4.34 (1.97) |    |



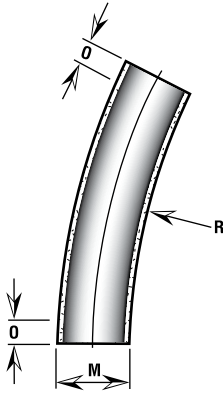
**22 1/2° X 36"**

| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs  | kg |
|--------------|------|-------------|------------|-----------------|------------------|-------------|----|
| 3/4          | XW   | 07C-XW-62-P | 1.41 (36)  | 6 (152)         | 36 (914)         | 1.27 (0.58) |    |
| 1            | XW   | 10C-XW-62-P | 1.68 (43)  | 6 (152)         | 36 (914)         | 1.42 (0.64) |    |
| 1 1/4        | XW   | 12C-XW-62-P | 2.02 (51)  | 6 (152)         | 36 (914)         | 1.71 (0.77) |    |
| 1 1/2        | XW   | 15C-XW-62-P | 2.26 (57)  | 6 (152)         | 36 (914)         | 2.46 (1.12) |    |
| 2            | XW   | 20D-XW-62-P | 2.50 (65)  | 6 (152)         | 36 (914)         | 2.63 (1.19) |    |
| 2 1/2        | XW   | 25D-XW-62-P | 3.00 (76)  | 6 (152)         | 36 (914)         | 3.21 (1.46) |    |
| 3            | XW   | 30D-XW-62-P | 3.50 (89)  | 6 (152)         | 36 (914)         | 3.79 (1.72) |    |
| 3 1/2        | XW   | 35D-XW-62-P | 4.00 (102) | 6 (152)         | 36 (914)         | 4.38 (1.99) |    |
| 4            | XW   | 40D-XW-62-P | 4.50 (114) | 6 (152)         | 36 (914)         | 4.96 (2.25) |    |
| 5            | XW   | 50D-XW-62-P | 5.50 (140) | 6 (152)         | 36 (914)         | 6.13 (2.78) |    |
| 6            | XW   | 60D-XW-62-P | 6.50 (165) | 6 (152)         | 36 (914)         | 7.29 (3.31) |    |



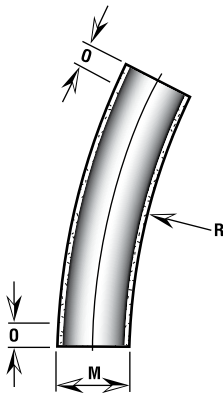
**30° X 12"**

| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs  | kg |
|--------------|------|-------------|------------|-----------------|------------------|-------------|----|
| ¾            | XW   | 07C-XW-70-P | 1.41 (36)  | 6 (152)         | 12 (305)         | 0.97 (0.44) |    |
| 1            | XW   | 10C-XW-70-P | 1.68 (43)  | 6 (152)         | 12 (305)         | 1.08 (0.49) |    |
| 1¼           | XW   | 12C-XW-70-P | 2.02 (51)  | 6 (152)         | 12 (305)         | 1.30 (0.59) |    |
| 1½           | XW   | 15C-XW-70-P | 2.26 (57)  | 6 (152)         | 12 (305)         | 1.87 (0.85) |    |
| 2            | XW   | 20D-XW-70-P | 2.50 (63)  | 6 (152)         | 12 (305)         | 2.00 (0.91) |    |
| 2½           | XW   | 25D-XW-70-P | 3.00 (76)  | 6 (152)         | 12 (305)         | 2.44 (1.11) |    |
| 3            | XW   | 30D-XW-70-P | 3.50 (89)  | 6 (152)         | 12 (305)         | 2.89 (1.31) |    |
| 3½           | XW   | 35D-XW-70-P | 4.00 (102) | 6 (152)         | 12 (305)         | 3.33 (1.51) |    |



**30° X 24"**

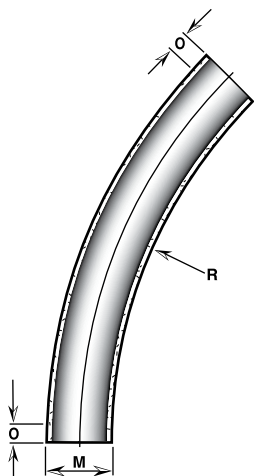
| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs  | kg |
|--------------|------|-------------|------------|-----------------|------------------|-------------|----|
| ¾            | XW   | 07C-XW-71-P | 1.41 (36)  | 6 (152)         | 24 (610)         | 1.22 (0.55) |    |
| 1            | XW   | 10C-XW-71-P | 1.68 (43)  | 6 (152)         | 24 (610)         | 1.36 (0.62) |    |
| 1¼           | XW   | 12C-XW-71-P | 2.02 (51)  | 6 (152)         | 24 (610)         | 1.64 (0.74) |    |
| 1½           | XW   | 15C-XW-71-P | 2.26 (57)  | 6 (152)         | 24 (610)         | 2.36 (1.07) |    |
| 2            | XW   | 20D-XW-71-P | 2.50 (65)  | 6 (152)         | 24 (610)         | 2.52 (1.14) |    |
| 2½           | XW   | 25D-XW-71-P | 3.00 (76)  | 6 (152)         | 24 (610)         | 3.08 (1.40) |    |
| 3            | XW   | 30D-XW-71-P | 3.50 (89)  | 6 (152)         | 24 (610)         | 3.72 (1.69) |    |
| 3½           | XW   | 35D-XW-71-P | 4.00 (102) | 6 (152)         | 24 (610)         | 4.30 (1.95) |    |
| 4            | XW   | 40D-XW-71-P | 4.50 (114) | 6 (152)         | 24 (610)         | 4.87 (2.21) |    |



**30° X 36"**

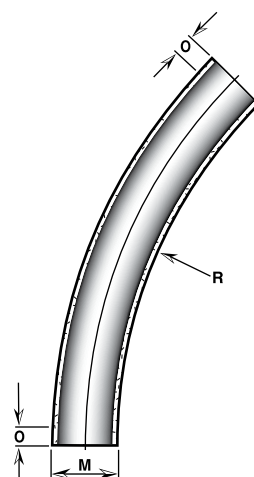
| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs  | kg |
|--------------|------|-------------|------------|-----------------|------------------|-------------|----|
| ¾            | XW   | 07C-XW-72-P | 1.41 (36)  | 6 (152)         | 36 (914)         | 1.52 (0.69) |    |
| 1            | XW   | 10C-XW-72-P | 1.68 (43)  | 6 (152)         | 36 (914)         | 1.70 (0.77) |    |
| 1¼           | XW   | 12C-XW-72-P | 2.02 (51)  | 6 (152)         | 36 (914)         | 2.05 (0.93) |    |
| 1½           | XW   | 15C-XW-72-P | 2.26 (57)  | 6 (152)         | 36 (914)         | 2.95 (1.34) |    |
| 2            | XW   | 20D-XW-72-P | 2.50 (65)  | 6 (152)         | 36 (914)         | 3.15 (1.43) |    |
| 2½           | XW   | 25D-XW-72-P | 3.00 (76)  | 6 (152)         | 36 (914)         | 3.85 (1.75) |    |
| 3            | XW   | 30D-XW-72-P | 3.50 (89)  | 6 (152)         | 36 (914)         | 4.55 (2.07) |    |
| 3½           | XW   | 35D-XW-72-P | 4.00 (102) | 6 (152)         | 36 (914)         | 5.25 (2.38) |    |
| 4            | XW   | 40D-XW-72-P | 4.50 (114) | 6 (152)         | 36 (914)         | 5.95 (2.70) |    |
| 5            | XW   | 50D-XW-72-P | 5.50 (140) | 6 (152)         | 36 (914)         | 7.35 (3.34) |    |
| 6            | XW   | 60D-XW-72-P | 6.50 (165) | 6 (152)         | 36 (914)         | 8.75 (3.97) |    |

# ELBOWS



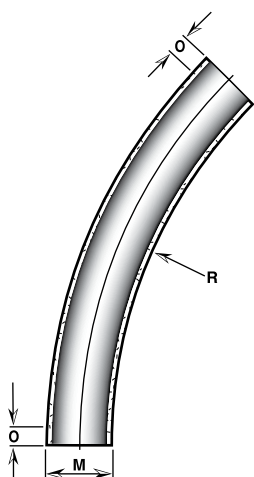
**45° X 12"**

| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs  | kg |
|--------------|------|-------------|------------|-----------------|------------------|-------------|----|
| ¾            | XW   | 07C-XW-80-P | 1.41 (36)  | 6 (152)         | 12 (305)         | 1.07 (0.48) |    |
| 1            | XW   | 10C-XW-80-P | 1.68 (43)  | 6 (152)         | 12 (305)         | 1.19 (0.54) |    |
| 1¼           | XW   | 12C-XW-80-P | 2.02 (51)  | 6 (152)         | 12 (305)         | 1.44 (0.65) |    |
| 1½           | XW   | 15C-XW-80-P | 2.26 (57)  | 6 (152)         | 12 (305)         | 2.07 (0.94) |    |
| 2            | XW   | 20D-XW-80-P | 2.50 (63)  | 6 (152)         | 12 (305)         | 2.21 (1.00) |    |
| 2½           | XW   | 25D-XW-80-P | 3.00 (76)  | 6 (152)         | 12 (305)         | 2.70 (1.22) |    |
| 3            | XW   | 30D-XW-80-P | 3.50 (89)  | 6 (152)         | 12 (305)         | 2.89 (1.31) |    |
| 3½           | XW   | 35D-XW-80-P | 4.00 (102) | 6 (152)         | 12 (305)         | 3.68 (1.67) |    |



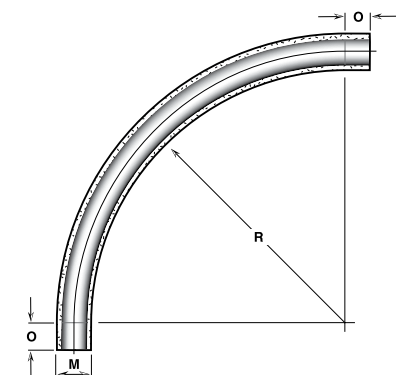
**45° X 24"**

| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs  | kg |
|--------------|------|-------------|------------|-----------------|------------------|-------------|----|
| ¾            | XW   | 07C-XW-81-P | 1.41 (36)  | 6 (152)         | 24 (610)         | 1.52 (0.69) |    |
| 1            | XW   | 10C-XW-81-P | 1.68 (43)  | 6 (152)         | 24 (610)         | 1.70 (0.77) |    |
| 1¼           | XW   | 12C-XW-81-P | 2.02 (51)  | 6 (152)         | 24 (610)         | 2.05 (0.93) |    |
| 1½           | XW   | 15C-XW-81-P | 2.26 (57)  | 6 (152)         | 24 (610)         | 2.95 (1.34) |    |
| 2            | XW   | 20D-XW-81-P | 2.50 (65)  | 6 (152)         | 24 (610)         | 3.15 (1.43) |    |
| 2½           | XW   | 25D-XW-81-P | 3.00 (76)  | 6 (152)         | 24 (610)         | 3.85 (1.75) |    |
| 3            | XW   | 30D-XW-81-P | 3.50 (89)  | 6 (152)         | 24 (610)         | 4.55 (2.07) |    |
| 3½           | XW   | 35D-XW-81-P | 4.00 (102) | 6 (152)         | 24 (610)         | 5.24 (2.38) |    |
| 4            | XW   | 40D-XW-81-P | 4.50 (114) | 6 (152)         | 24 (610)         | 5.95 (2.70) |    |



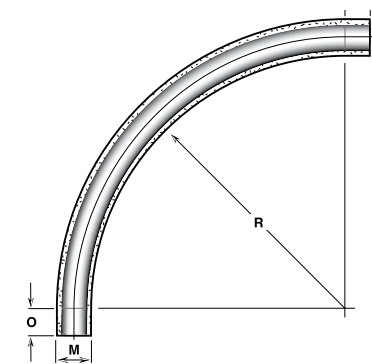
**45° X 36"**

| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs   | kg |
|--------------|------|-------------|------------|-----------------|------------------|--------------|----|
| ¾            | XW   | 07C-XW-82-P | 1.41 (36)  | 6 (152)         | 36 (914)         | 2.03 (0.92)  |    |
| 1            | XW   | 10C-XW-82-P | 1.68 (43)  | 6 (152)         | 36 (914)         | 2.27 (1.03)  |    |
| 1¼           | XW   | 12C-XW-82-P | 2.02 (51)  | 6 (152)         | 36 (914)         | 2.73 (1.24)  |    |
| 1½           | XW   | 15C-XW-82-P | 2.26 (57)  | 6 (152)         | 36 (914)         | 3.93 (1.78)  |    |
| 2            | XW   | 20D-XW-82-P | 2.50 (65)  | 6 (152)         | 36 (914)         | 4.20 (1.91)  |    |
| 2½           | XW   | 25D-XW-82-P | 3.00 (76)  | 6 (152)         | 36 (914)         | 5.13 (2.33)  |    |
| 3            | XW   | 30D-XW-82-P | 3.50 (89)  | 6 (152)         | 36 (914)         | 6.07 (2.76)  |    |
| 3½           | XW   | 35D-XW-82-P | 4.00 (102) | 6 (152)         | 36 (914)         | 6.99 (3.18)  |    |
| 4            | XW   | 40D-XW-82-P | 4.59 (114) | 6 (152)         | 36 (914)         | 7.93 (3.60)  |    |
| 5            | XW   | 50D-XW-82-P | 5.50 (140) | 6 (152)         | 36 (914)         | 9.79 (4.44)  |    |
| 6            | XW   | 60D-XW-82-P | 6.50 (165) | 6 (152)         | 36 (914)         | 11.65 (5.29) |    |



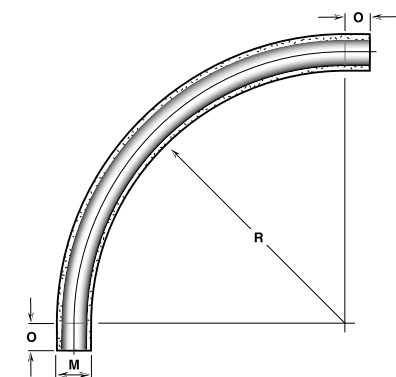
90° X 12"

| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs  | kg |
|--------------|------|-------------|------------|-----------------|------------------|-------------|----|
| ¾            | XW   | 07C-XW-90-P | 1.41 (36)  | 6 (152)         | 12 (305)         | 1.52 (0.69) |    |
| 1            | XW   | 10C-XW-90-P | 1.68 (43)  | 6 (152)         | 12 (305)         | 1.70 (0.77) |    |
| 1¼           | XW   | 12C-XW-90-P | 2.02 (51)  | 6 (152)         | 12 (305)         | 2.05 (0.93) |    |
| 1½           | XW   | 15C-XW-90-P | 2.26 (57)  | 6 (152)         | 12 (305)         | 2.95 (1.34) |    |
| 2            | XW   | 20D-XW-90-P | 2.50 (63)  | 6 (152)         | 12 (305)         | 3.15 (1.43) |    |
| 2½           | XW   | 25D-XW-90-P | 3.00 (76)  | 6 (152)         | 12 (305)         | 3.85 (1.75) |    |
| 3            | XW   | 30D-XW-90-P | 3.50 (89)  | 6 (152)         | 12 (305)         | 4.55 (2.06) |    |
| 3½           | XW   | 35D-XW-90-P | 4.00 (102) | 6 (152)         | 12 (305)         | 5.25 (2.38) |    |



90° X 24"

| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs  | kg |
|--------------|------|-------------|------------|-----------------|------------------|-------------|----|
| ¾            | XW   | 07C-XW-91-P | 1.41 (36)  | 6 (152)         | 24 (610)         | 2.54 (1.15) |    |
| 1            | XW   | 10C-XW-91-P | 1.68 (43)  | 6 (152)         | 24 (610)         | 2.83 (1.29) |    |
| 1¼           | XW   | 12C-XW-91-P | 2.02 (51)  | 6 (152)         | 24 (610)         | 3.42 (1.55) |    |
| 1½           | XW   | 15C-XW-91-P | 2.26 (57)  | 6 (152)         | 24 (610)         | 4.92 (2.23) |    |
| 2            | XW   | 20D-XW-91-P | 2.50 (65)  | 6 (152)         | 24 (610)         | 5.25 (2.38) |    |
| 2½           | XW   | 25D-XW-91-P | 3.00 (76)  | 6 (152)         | 24 (610)         | 6.42 (2.92) |    |
| 3            | XW   | 30D-XW-91-P | 3.50 (89)  | 6 (152)         | 24 (610)         | 7.58 (3.44) |    |
| 3½           | XW   | 35D-XW-91-P | 4.00 (102) | 6 (152)         | 24 (610)         | 8.76 (3.98) |    |
| 4            | XW   | 40D-XW-91-P | 4.50 (114) | 6 (152)         | 24 (610)         | 9.92 (4.50) |    |



90° X 36"

| Nominal Size | Type | Item No.    | M          | O-Tangent (min) | R - Radius (min) | Weight lbs   | kg |
|--------------|------|-------------|------------|-----------------|------------------|--------------|----|
| ¾            | XW   | 07C-XW-92-P | 1.41 (36)  | 6 (152)         | 36 (914)         | 3.46 (1.57)  |    |
| 1            | XW   | 10C-XW-92-P | 1.68 (43)  | 6 (152)         | 36 (914)         | 3.85 (1.75)  |    |
| 1¼           | XW   | 12C-XW-92-P | 2.02 (51)  | 6 (152)         | 36 (914)         | 4.65 (2.11)  |    |
| 1½           | XW   | 15C-XW-92-P | 2.26 (57)  | 6 (152)         | 36 (914)         | 6.69 (3.04)  |    |
| 2            | XW   | 20D-XW-92-P | 2.50 (65)  | 6 (152)         | 36 (914)         | 7.14 (3.24)  |    |
| 2½           | XW   | 25D-XW-92-P | 3.00 (76)  | 6 (152)         | 36 (914)         | 8.73 (3.96)  |    |
| 3            | XW   | 30D-XW-92-P | 3.50 (89)  | 6 (152)         | 36 (914)         | 10.31 (4.68) |    |
| 3½           | XW   | 35D-XW-92-P | 4.00 (102) | 6 (152)         | 36 (914)         | 11.90 (5.40) |    |
| 4            | XW   | 40D-XW-92-P | 4.50 (114) | 6 (152)         | 36 (914)         | 13.49 (6.12) |    |
| 5            | XW   | 50D-XW-92-P | 5.50 (140) | 6 (152)         | 36 (914)         | 16.79 (7.56) |    |
| 6            | XW   | 60D-XW-92-P | 6.50 (165) | 6 (152)         | 36 (914)         | 19.99 (9.00) |    |

Note: For different radii, degree and/or length for any elbow not shown in this catalog, please contact your local sales representative or the Champion Fiberglass office.

## XW STANDARD RADIUS 90° ELBOWS

Standard radius elbows are available in 11¼, 22½, 30 and 45 degree bends as well. Please contact factory for additional information regarding pricing, dimensions, weights and part numbers.

| Nominal Size | Type | Item No.     | M         | O-Tangent (min) | R - Radius (min) | Weight lbs | kg |
|--------------|------|--------------|-----------|-----------------|------------------|------------|----|
| ¾            | XW   | 07C-XW-9SR-P | 1.05 (27) | 6 (152)         | 4.50 (114)       | .98 (0.4)  |    |
| 1            | XW   | 10C-XW-9SR-P | 1.32 (33) | 6 (152)         | 5.75 (146)       | 1.19 (0.5) |    |
| 1¼           | XW   | 12C-XW-9SR-P | 1.66 (42) | 6 (152)         | 7.25 (184)       | 1.62 (0.7) |    |
| 1½           | XW   | 15C-XW-9SR-P | 1.90 (48) | 6 (152)         | 8.25 (210)       | 2.42 (1.1) |    |
| 2            | XW   | 20D-XW-9SR-P | 2.37 (60) | 6 (152)         | 9.50 (241)       | 2.87 (1.3) |    |