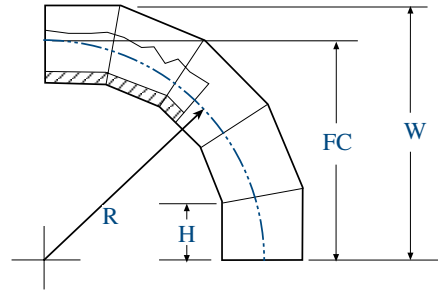


IPS Fittings Fabricated 90° Ell - Five-Segment



IPS HDPE Fittings

Pressure Rating is based on miter angle, pipe DR (Wall thickness), and resin properties.

| Ratings based on 3608 resin/11.25 angle: |                 |
|--|-----------------|
| DR                                       | Pressure Rating |
| 7  | 219 psi         |
| 9  | 160 psi         |
| 11                                       | 128 psi         |
| 13.5                                     | 100 psi         |
| 15.5                                     | 82 psi          |
| 17                                       | 73 psi          |
| 21                                       | 57 psi          |
| 26                                       | 44 psi          |
| 32.5                                     | 34 psi          |

| Ratings based on 4710 resin/11.25 angle: |                 |
|--|-----------------|
| DR                                       | Pressure Rating |
| 7  | 274 psi         |
| 9  | 202 psi         |
| 11                                       | 161 psi         |
| 13.5                                     | 126 psi         |
| 15.5                                     | 103 psi         |
| 17                                       | 92 psi          |
| 21                                       | 72 psi          |
| 26                                       | 55 psi          |
| 32.5                                     | 42 psi          |

Note: Size/DR listings shown are commonly requested. Many DR options not listed are available. Please consult an ISCO representative for availability.

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| Nominal Size (in) | Pipe OD (in) | DR   | Part #         | Dimensions |        |         |        | Weight (lbs) | Shipping Method |
|-------------------|--------------|------|----------------|------------|--------|---------|--------|--------------|-----------------|
|                   |              |      |                | R (in)     | H (in) | FC (in) | W (in) |              |                 |
| 2                 | 2.375        | 07   | ISFF900207IPS  | 13.125     | 4      | 14.75   | 15.94  | 2            | FedEx           |
|                   |              | 09   | ISFF900209IPS  | "          | "      | "       | "      | 2            | "               |
|                   |              | 11   | ISFF900211IPS  | "          | "      | "       | "      | 2            | "               |
| 3                 | 3.5          | 07   | ISFF900307IPS  | 13.625     | 4      | 15.25   | 17     | 4            | FedEx           |
|                   |              | 09   | ISFF900309IPS  | "          | "      | "       | "      | 4            | "               |
|                   |              | 11   | ISFF900311IPS  | "          | "      | "       | "      | 3            | "               |
|                   |              | 17   | ISFF900317IPS  | "          | "      | "       | "      | 2            | "               |
| 4                 | 4.5          | 07   | ISFF900407IPS  | 14.25      | 5      | 16.875  | 19.13  | 8            | FedEx           |
|                   |              | 09   | ISFF900409IPS  | "          | "      | "       | "      | 7            | "               |
|                   |              | 11   | ISFF900411IPS  | "          | "      | "       | "      | 6            | "               |
|                   |              | 17   | ISFF900417IPS  | "          | "      | "       | "      | 4            | "               |
| 6                 | 6.625        | 07   | ISFF900607IPS  | 15.25      | 6      | 16.875  | 20.19  | 19           | FedEx           |
|                   |              | 09   | ISFF900609IPS  | "          | "      | "       | "      | 16           | "               |
|                   |              | 11   | ISFF900611IPS  | "          | "      | "       | "      | 13           | "               |
|                   |              | 17   | ISFF900617IPS  | "          | "      | "       | "      | 9            | "               |
|                   |              | 32.5 | ISFF9006325IPS | "          | "      | "       | "      | 5            | "               |
| 8                 | 8.625        | 07   | ISFF900807IPS  | 16.25      | 6.5    | 20.375  | 24.69  | 29           | FedEx           |
|                   |              | 09   | ISFF900809IPS  | "          | "      | "       | "      | 25           | "               |
|                   |              | 11   | ISFF900811IPS  | "          | "      | "       | "      | 24           | "               |
|                   |              | 17   | ISFF900817IPS  | "          | "      | "       | "      | 16           | "               |
|                   |              | 32.5 | ISFF9008325IPS | "          | "      | "       | "      | 9            | "               |
| 10                | 10.75        | 07   | ISFF901007IPS  | 17.25      | 6.5    | 21.375  | 26.75  | 58           | LTL             |
|                   |              | 09   | ISFF901009IPS  | "          | "      | "       | "      | 47           | "               |
|                   |              | 11   | ISFF901011IPS  | "          | "      | "       | "      | 39           | "               |
|                   |              | 17   | ISFF901017IPS  | "          | "      | "       | "      | 26           | "               |
|                   |              | 32.5 | ISFF9010325IPS | "          | "      | "       | "      | 14           | "               |
| 12                | 12.75        | 07   | ISFF901207IPS  | 19.5       | 8      | 24.875  | 31.25  | 95           | LTL             |
|                   |              | 09   | ISFF901209IPS  | "          | "      | "       | "      | 77           | "               |
|                   |              | 11   | ISFF901211IPS  | "          | "      | "       | "      | 64           | "               |
|                   |              | 17   | ISFF901217IPS  | "          | "      | "       | "      | 43           | "               |
|                   |              | 32.5 | ISFF9012325IPS | "          | "      | "       | "      | 23           | "               |
| 14                | 14           | 07   | ISFF901407IPS  | 21         | 8      | 26.25   | 33.25  | 120          | LTL             |
|                   |              | 09   | ISFF901409IPS  | "          | "      | "       | "      | 97           | "               |
|                   |              | 11   | ISFF901411IPS  | "          | "      | "       | "      | 81           | "               |
|                   |              | 17   | ISFF901417IPS  | "          | "      | "       | "      | 54           | "               |
|                   |              | 32.5 | ISFF9014325IPS | "          | "      | "       | "      | 29           | "               |
| 16                | 16           | 07   | ISFF901607IPS  | 24         | 8      | 28.875  | 36.88  | 164          | LTL             |
|                   |              | 09   | ISFF901609IPS  | "          | "      | "       | "      | 137          | "               |
|                   |              | 11   | ISFF901611IPS  | "          | "      | "       | "      | 115          | "               |
|                   |              | 17   | ISFF901617IPS  | "          | "      | "       | "      | 77           | "               |
|                   |              | 32.5 | ISFF9016325IPS | "          | "      | "       | "      | 42           | "               |



IPS Fittings Fabricated 90° Ell - Five Segment (continued)

| IPS Fittings Fabricated 90° Ell - Five Segment |              |      |                |            |        |         |        |              |                 |
|--|--------------|------|----------------|------------|--------|---------|--------|--------------|-----------------|
| Nominal Size (in)                              | Pipe,OD (in) | DR   | Part #         | Dimensions |        |         |        | Weight (lbs) | Shipping Method |
|  |              |      |                | R (in)     | H (in) | FC (in) | W (in) |              |                 |
| 18   | 18           | 09   | ISFF901809IPS  | 27         | 8      | 31.375  | 40.38  | 189          | LTL             |
|  |              | 11   | ISFF901811IPS  | "          | "      | "       | "      | 158          | "               |
|  |              | 17   | ISFF901817IPS  | "          | "      | "       | "      | 106          | "               |
|  |              | 32.5 | ISFF9018325IPS | "          | "      | "       | "      | 57           | "               |
| 20   | 20           | 09   | ISFF902009IPS  | 30         | 8      | 34      | 44     | 250          | LTL             |
|  |              | 11   | ISFF902011IPS  | "          | "      | "       | "      | 210          | "               |
|  |              | 17   | ISFF902017IPS  | "          | "      | "       | "      | 141          | "               |
|  |              | 32.5 | ISFF9020325IPS | "          | "      | "       | "      | 76           | "               |
| 22   | 22           | 17   | ISFF902217IPS  | 33         | 8      | 36.625  | 47.63  | 183          | LTL             |
|  |              | 32.5 | ISFF9022325IPS | "          | "      | "       | "      | 99           | "               |
| 24   | 24           | 09   | ISFF902409IPS  | 36         | 8      | 39.25   | 51.25  | 413          | LTL             |
|  |              | 11   | ISFF902411IPS  | "          | "      | "       | "      | 346          | "               |
|  |              | 17   | ISFF902417IPS  | "          | "      | "       | "      | 230          | "               |
|  |              | 32.5 | ISFF9024325IPS | "          | "      | "       | "      | 125          | "               |
| 26   | 26           | 17   | ISFF902617IPS  | 39         | 14     | 47.875  | 60.88  | 376          | LTL             |
|  |              | 32.5 | ISFF9026325IPS | "          | "      | "       | "      | 203          | "               |
| 28   | 28           | 11   | ISFF902811IPS  | 42         | 14     | 50.375  | 64.38  | 619          | LTL             |
|  |              | 17   | ISFF902817IPS  | "          | "      | "       | "      | 415          | "               |
|  |              | 32.5 | ISFF9028325IPS | "          | "      | "       | "      | 224          | "               |
| 30   | 30           | 11   | ISFF903011IPS  | 45         | 14     | 53      | 68     | 744          | LTL             |
|  |              | 17   | ISFF903017IPS  | "          | "      | "       | "      | 500          | "               |
|  |              | 32.5 | ISFF9030325IPS | "          | "      | "       | "      | 270          | "               |
| 32   | 32           | 11   | ISFF903211IPS  | 48         | 14     | 55.625  | 71.63  | 885          | LTL             |
|  |              | 17   | ISFF903217IPS  | "          | "      | "       | "      | 594          | "               |
|  |              | 32.5 | ISFF9032325IPS | "          | "      | "       | "      | 321          | "               |
| 36   | 36           | 11   | ISFF903611IPS  | 54         | 14     | 60.875  | 78.88  | 1218         | LTL             |
|  |              | 17   | ISFF903617IPS  | "          | "      | "       | "      | 810          | "               |
|  |              | 26   | ISFF903626IPS  | "          | "      | "       | "      | 541          | "               |
|  |              | 32.5 | ISFF903632IPS  | "          | "      | "       | "      | 433          | "               |
| 42   | 42           | 17   | ISFF904217IPS  | 63         | 21     | 75.625  | 96.63  | 1400         | LTL             |
|  |              | 21   | ISFF904221IPS  | "          | "      | "       | "      | 1150         | "               |
|  |              | 26   | ISFF904226IPS  | "          | "      | "       | "      | 937          | "               |
|  |              | 32.5 | ISFF904232IPS  | "          | "      | "       | "      | 750          | "               |
| 48   | 48           | 21   | ISFF904821IPS  | 72         | 21     | 83.5    | 107.5  | 1630         | LTL             |
|  |              | 26   | ISFF904826IPS  | "          | "      | "       | "      | 1328         | "               |
|  |              | 32.5 | ISFF904832IPS  | "          | "      | "       | "      | 1063         | "               |
| 54   | 54           | 26   | ISFF905426IPS  | 81         | 21     | 91.25   | 118.25 | 1840         | LTL             |
|  |              | 32.5 | ISFF905432IPS  | "          | "      | "       | "      | 1472         | "               |
| 63   | 63           | 26   | ISFF906326IPS  | 85.5       | 21     | 95.8    | 127.3  | 2650         | LTL             |
|  |              | 32.5 | ISFF906332IPS  | "          | "      | "       | "      | 2135         | "               |



IPS HDPE Fittings

Pressure Rating is based on miter angle, pipe DR (Wall thickness), and resin properties.

| Ratings based on 3608 resin/11.25 angle: |                 |
|--|-----------------|
| DR                                       | Pressure Rating |
| 7  | 219 psi         |
| 9  | 160 psi         |
| 11                                       | 128 psi         |
| 13.5                                     | 100 psi         |
| 15.5                                     | 82 psi          |
| 17                                       | 73 psi          |
| 21                                       | 57 psi          |
| 26                                       | 44 psi          |
| 32.5                                     | 34 psi          |

| Ratings based on 4710 resin/11.25 angle: |                 |
|--|-----------------|
| DR                                       | Pressure Rating |
| 7  | 274 psi         |
| 9  | 202 psi         |
| 11                                       | 161 psi         |
| 13.5                                     | 126 psi         |
| 15.5                                     | 103 psi         |
| 17                                       | 92 psi          |
| 21                                       | 72 psi          |
| 26                                       | 55 psi          |
| 32.5                                     | 42 psi          |

Note: Size/DR listings shown are commonly requested. Many DR options not listed are available. Please consult an ISCO representative for availability.

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IPS Fittings Fabricated 90° Ell - Three Segment (continued)

| IPS Fittings Fabricated 90° Ell - Three Segment |             |      |                 |            |        |         |        |              |                 |
|---|-------------|------|-----------------|------------|--------|---------|--------|--------------|-----------------|
| Nominal Size(in)                                | Pipe OD(in) | DR   | Part #          | Dimensions |        |         |        | Weight (lbs) | Shipping Method |
|   |             |      |                 | R (in)     | H (in) | FC (in) | W (in) |              |                 |
| 16  | 16          | 07   | ISFF901607IPS3P | 15.25      | 8.50   | 20.75   | 28.75  | 120          | LTL             |
|   |             | 09   | ISFF901609IPS3P | "          | "      | "       | "      | 100          | "               |
|   |             | 11   | ISFF901611IPS3P | "          | "      | "       | "      | 85           | "               |
|   |             | 17   | ISFF901617IPS3P | "          | "      | "       | "      | 56           | "               |
|   |             | 32.5 | ISFF901632IPS3P | "          | "      | "       | "      | 30           | "               |
| 18  | 18          | 09   | ISFF901809IPS3P | 16.25      | 8.50   | 21.75   | 30.75  | 135          | LTL             |
|   |             | 11   | ISFF901811IPS3P | "          | "      | "       | "      | 113          | "               |
|   |             | 17   | ISFF901817IPS3P | "          | "      | "       | "      | 76           | "               |
|   |             | 32.5 | ISFF901832IPS3P | "          | "      | "       | "      | 41           | "               |
| 20  | 20          | 09   | ISFF902009IPS3P | 17.25      | 8.50   | 22.75   | 32.75  | 175          | LTL             |
|   |             | 11   | ISFF902011IPS3P | "          | "      | "       | "      | 147          | "               |
|   |             | 17   | ISFF902017IPS3P | "          | "      | "       | "      | 98           | "               |
|   |             | 32.5 | ISFF902032IPS3P | "          | "      | "       | "      | 53           | "               |
| 22  | 22          | 17   | ISFF902217IPS3P | 23.07      | 8.50   | 26.57   | 37.57  | 134          | LTL             |
|   |             | 32.5 | ISFF902232IPS3P | "          | "      | "       | "      | 72           | "               |
| 24  | 24          | 09   | ISFF902409IPS3P | 24.07      | 8.50   | 27.57   | 39.57  | 298          | LTL             |
|   |             | 11   | ISFF902411IPS3P | "          | "      | "       | "      | 252          | "               |
|   |             | 17   | ISFF902417IPS3P | "          | "      | "       | "      | 170          | "               |
|   |             | 32.5 | ISFF902432IPS3P | "          | "      | "       | "      | 92           | "               |
| 26  | 26          | 17   | ISFF902617IPS3P | 26.5       | 10     | 30.9    | 43.9   | 239          | LTL             |
|   |             | 32.5 | ISFF902632IPS3P | "          | "      | "       | "      | 175          | "               |
| 28  | 28          | 11   | ISFF902811IPS3P | 28.5       | 10     | 32.5    | 46.5   | 427          | LTL             |
|   |             | 17   | ISFF902817IPS3P | "          | "      | "       | "      | 283          | "               |
|   |             | 32.5 | ISFF902832IPS3P | "          | "      | "       | "      | 175          | "               |
| 30  | 30          | 11   | ISFF903011IPS3P | 30.5       | 10     | 34.1    | 49.1   | 510          | LTL             |
|   |             | 17   | ISFF903017IPS3P | "          | "      | "       | "      | 345          | "               |
|   |             | 32.5 | ISFF903032IPS3P | "          | "      | "       | "      | 285          | "               |
| 32  | 32          | 11   | ISFF903211IPS3P | 38         | 10     | 38.9    | 54.9   | 738          | LTL             |
|   |             | 17   | ISFF903217IPS3P | "          | "      | "       | "      | 496          | "               |
|   |             | 32.5 | ISFF903232IPS3P | "          | "      | "       | "      | 400          | "               |
| 36  | 36          | 11   | ISFF903611IPS3P | 43         | 10     | 42.6    | 60.6   | 1019         | LTL             |
|   |             | 17   | ISFF903617IPS3P | "          | "      | "       | "      | 686          | "               |
|   |             | 26   | ISFF903626IPS3P | "          | "      | "       | "      | 600          | "               |
|   |             | 32.5 | ISFF903632IPS3P | "          | "      | "       | "      | 530          | "               |
| 42  | 42          | 17   | ISFF904217IPS3P | 50         | 16     | 54      | 75     | 1050         | LTL             |
|   |             | 21   | ISFF904221IPS3P | "          | "      | "       | "      | 856          | "               |
|   |             | 26   | ISFF904226IPS3P | "          | "      | "       | "      | 800          | "               |
|   |             | 32.5 | ISFF904232IPS3P | "          | "      | "       | "      | 775          | "               |
| 48  | 48          | 21   | ISFF904821IPS3P | 58         | 16     | 59.9    | 83.9   | 1208         | LTL             |
|   |             | 26   | ISFF904826IPS3P | "          | "      | "       | "      | 984          | "               |
|   |             | 32.5 | ISFF904832IPS3P | "          | "      | "       | "      | 900          | "               |
| 54  | 54          | 26   | ISFF905426IPS3P | 64         | 16     | 64.7    | 91.7   | 1401         | LTL             |
|   |             | 32.5 | ISFF905432IPS3P | "          | "      | "       | "      | 1126         | "               |
| 63  | 63          | 26   | ISFF906326IPS3P | 57.4       | 18     | 64.7    | 96.18  | 2424         | LTL             |
|   |             | 32.5 | ISFF906332IPS3P | "          | "      | "       | "      | 1956         | "               |



IPS HDPE Fittings

Pressure Rating is based on miter angle, pipe DR (Wall thickness), and resin properties.

| Ratings based on 3608 resin/22.5 angle: |                 |
|---|-----------------|
| DR                                      | Pressure Rating |
| 7                                       | 183 psi         |
| 9                                       | 131 psi         |
| 11                                      | 100 psi         |
| 13.5                                    | 77 psi          |
| 15.5                                    | 64 psi          |
| 17                                      | 57 psi          |
| 21                                      | 43 psi          |
| 26                                      | 33 psi          |
| 32.5                                    | 25 psi          |

| Ratings based on 4710 resin/22.5 angle: |                 |
|---|-----------------|
| DR                                      | Pressure Rating |
| 7                                       | 229 psi         |
| 9                                       | 164 psi         |
| 11                                      | 126 psi         |
| 13.5                                    | 96 psi          |
| 15.5                                    | 81 psi          |
| 17                                      | 71 psi          |
| 21                                      | 54 psi          |
| 26                                      | 41 psi          |
| 32.5                                    | 31 psi          |

Note: Size/DR listings shown are commonly requested. Many DR options not listed are available. Please consult an ISCO representative for availability.

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