



**EverTUFF® TURF™ PVC Tees**



Spears® EverTUFF® TURF™ Fittings are specifically engineered to meet the demanding system requirements of today's golf course and turf irrigation applications. This patented design provides greater surge resistance than Schedule 80 fittings for the most reliable turf fittings on the market. Produced in a distinct Blue color injection molded from specially balanced PVC materials or optional CPVC Gray, these performance fittings are Class 315 rated (315 psi) and available in IPS sizes 1" through 6".

- Over 50% Stronger than Any Other Solvent Weld Turf Fitting
- Full Class 315 Pressure Rating
- Patented Special Reinforced (SR) Threads on All Female Threaded Fittings
- Produced in Standard Configurations
- Optional CPVC for Higher Temperatures
- NSF® Certified

**Selection Guide for Choosing PVC or High Temperature CPVC Materials**

Heat can play a significant part in performance of any piping system. As with all thermoplastic products, pressure rating reduction is required as temperatures increase. This can apply to primary and secondary heat sources, such as basic ambient temperature and absorbed temperature from solar exposure or solar heated water supply sources. The following table shows applicable Class 315 (315 psi) pressure de-rating as temperatures elevate.

| PVC & CPVC Class 315 Pressure Ratings at Elevated Temperatures, PSI |               |               |                |                |                |                |
|---|---------------|---------------|----------------|----------------|----------------|----------------|
| Application Temperature   | 73° F (23° C) | 90° F (32° C) | 100° F (38° C) | 110° F (43° C) | 120° F (49° C) | 130° F (54° C) |
| PVC   | 315           | 236           | 195            | 161            | 126            | 98             |
| CPVC  | 315           | 287           | 258            | 227            | 205            | 180            |

| PVC & CPVC Class 315 Pressure Ratings at Elevated Temperatures, PSI |                |                |                |                |                |                |
|---|----------------|----------------|----------------|----------------|----------------|----------------|
| Application Temperature   | 140° F (60° C) | 150° F (66° C) | 160° F (71° C) | 170° F (77° C) | 180° F (82° C) | 200° F (99° C) |
| PVC   | 69             | --             | --             | --             | --             | --             |
| CPVC  | 158            | 132            | 126            | 91             | 79             | 62             |

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|------|
|-------------|------|--------|----------|-----------|------|

**EverTUFF® TURF™ PVC Tee**

**Socket x Socket x Socket**



Class 315

|          |       |    |   |     |        |
|----------|-------|----|---|-----|--------|
| 401-010T | 1     | 50 | 0 | 031 | 2.86   |
| 401-012T | 1-1/4 | 25 | 0 | 031 | 4.46   |
| 401-015T | 1-1/2 | 25 | 0 | 031 | 5.42   |
| 401-020T | 2     | 25 | 0 | 031 | 7.91   |
| 401-025T | 2-1/2 | 10 | 0 | 031 | 26.06  |
| 401-030T | 3     | 10 | 0 | 031 | 34.23  |
| 401-040T | 4     | 8  | 0 | 031 | 61.93  |
| 401-060T | 6     | 2  | 0 | 031 | 208.37 |

**EverTUFF® TURF™ PVC Tee - Reducing**

**Socket x Socket x Socket**



Class 315

|          |             |    |   |     |       |
|----------|-------------|----|---|-----|-------|
| 401-168T | 1-1/4X1     | 25 | 0 | 031 | 4.89  |
| 401-212T | 1-1/2X1-1/4 | 25 | 0 | 031 | 8.60  |
| 401-251T | 2X1-1/2     | 10 | 0 | 031 | 10.91 |
| 401-292T | 2-1/2X2     | 10 | 0 | 031 | 25.98 |
| 401-338T | 3X2         | 6  | 0 | 031 | 37.18 |
| 401-422T | 4X3         | 6  | 0 | 031 | 61.93 |

**EverTUFF® TURF™ PVC Elbows**

**EverTUFF® TURF™ PVC 90° Elbow**

**Socket x Socket**



Class 315

|          |       |    |   |     |        |
|----------|-------|----|---|-----|--------|
| 406-010T | 1     | 50 | 0 | 031 | 2.16   |
| 406-012T | 1-1/4 | 25 | 0 | 031 | 3.80   |
| 406-015T | 1-1/2 | 25 | 0 | 031 | 4.08   |
| 406-020T | 2     | 25 | 0 | 031 | 6.40   |
| 406-025T | 2-1/2 | 10 | 0 | 031 | 19.49  |
| 406-030T | 3     | 10 | 0 | 031 | 23.33  |
| 406-040T | 4     | 8  | 0 | 031 | 41.72  |
| 406-060T | 6     | 4  | 0 | 031 | 132.64 |

**EverTUFF® TURF™ PVC 45° Elbow**

**Socket x Socket**



Class 315

|          |       |    |   |     |       |
|----------|-------|----|---|-----|-------|
| 417-010T | 1     | 50 | 0 | 031 | 3.31  |
| 417-012T | 1-1/4 | 25 | 0 | 031 | 4.59  |
| 417-015T | 1-1/2 | 25 | 0 | 031 | 5.76  |
| 417-020T | 2     | 25 | 0 | 031 | 7.48  |
| 417-025T | 2-1/2 | 10 | 0 | 031 | 19.53 |
| 417-030T | 3     | 10 | 0 | 031 | 30.31 |
| 417-040T | 4     | 5  | 0 | 031 | 54.34 |



**EverTUFF® TURF™ Fittings For Golf Course & Turf Applications**

**EverTUFF® TURF™ PVC Elbows**

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|------|
|-------------|------|--------|----------|-----------|------|

**EverTUFF® TURF™ PVC 45° Elbow (continued)**

**Socket x Socket**

|          |   |   |   |     |        |
|----------|---|---|---|-----|--------|
| 417-060T | 6 | 8 | 0 | 031 | 134.23 |
|----------|---|---|---|-----|--------|

**EverTUFF® TURF™ PVC Couplings**

**EverTUFF® TURF™ PVC Couplings**

**Socket x Socket**

Class 315

| Part Number | Size  | Std Pk | Mstr Ctn | Prod Code | MSRP  |
|-------------|-------|--------|----------|-----------|-------|
| 429-010T    | 1     | 50     | 0        | 031       | 1.69  |
| 429-012T    | 1-1/4 | 25     | 0        | 031       | 2.35  |
| 429-015T    | 1-1/2 | 25     | 0        | 031       | 2.49  |
| 429-020T    | 2     | 25     | 0        | 031       | 3.81  |
| 429-025T    | 2-1/2 | 12     | 0        | 031       | 8.44  |
| 429-030T    | 3     | 20     | 0        | 031       | 13.24 |
| 429-040T    | 4     | 5      | 0        | 031       | 19.13 |
| 429-060T    | 6     | 5      | 0        | 031       | 60.52 |



**EverTUFF® TURF™ PVC Special Reinforced Female Adapters**

**EverTUFF® TURF™ PVC Female Adapter**

**Socket x SR Fipt - Stainless Steel Collar**

Class 315

| Part Number | Size  | Std Pk | Mstr Ctn | Prod Code | MSRP   |
|-------------|-------|--------|----------|-----------|--------|
| 435-010SRT  | 1     | 25     | 200      | 031       | 11.16  |
| 435-012SRT  | 1-1/4 | 10     | 60       | 031       | 18.05  |
| 435-015SRT  | 1-1/2 | 10     | 80       | 031       | 22.22  |
| 435-020SRT  | 2     | 10     | 0        | 031       | 38.75  |
| 435-025SRT  | 2-1/2 | 5      | 0        | 031       | 61.14  |
| 435-030SRT  | 3     | 10     | 0        | 031       | 68.89  |
| 435-040SRT  | 4     | 5      | 0        | 031       | 118.40 |
| 435-060SRT  | 6     | 6      | 0        | 031       | 153.84 |



**EverTUFF® TURF™ PVC Male Adapters**

**EverTUFF® TURF™ PVC Male Adapter**

**Mipt x Socket**

Class 315

| Part Number | Size  | Std Pk | Mstr Ctn | Prod Code | MSRP  |
|-------------|-------|--------|----------|-----------|-------|
| 436-010T    | 1     | 50     | 0        | 031       | 1.92  |
| 436-012T    | 1-1/4 | 25     | 0        | 031       | 2.35  |
| 436-015T    | 1-1/2 | 25     | 0        | 031       | 3.13  |
| 436-020T    | 2     | 25     | 0        | 031       | 4.13  |
| 436-025T    | 2-1/2 | 10     | 0        | 031       | 12.13 |
| 436-030T    | 3     | 10     | 0        | 031       | 17.74 |
| 436-040T    | 4     | 5      | 0        | 031       | 22.61 |



| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|------|
|-------------|------|--------|----------|-----------|------|

**EverTUFF® TURF™ PVC Male Adapter (continued)**

**Mipt x Socket**

|          |   |   |   |     |       |
|----------|---|---|---|-----|-------|
| 436-060T | 6 | 5 | 0 | 031 | 58.98 |
|----------|---|---|---|-----|-------|

**EverTUFF® TURF™ PVC Reducer Bushings**

**EverTUFF® TURF™ PVC Reducer Bushing Flush Style**

**Spigot x Socket**

Class 315

| Part Number | Size    | Std Pk | Mstr Ctn | Prod Code | MSRP  |
|-------------|---------|--------|----------|-----------|-------|
| 437-250T    | 2X1-1/4 | 10     | 120      | 031       | 4.79  |
| 437-251T    | 2X1-1/2 | 25     | 0        | 031       | 4.79  |
| 437-292T    | 2-1/2X2 | 15     | 0        | 031       | 7.69  |
| 437-338T    | 3X2     | 10     | 0        | 031       | 11.31 |
| 437-422T    | 4X3     | 6      | 0        | 031       | 23.79 |
| 437-532T    | 6X4     | 5      | 0        | 031       | 54.61 |



**EverTUFF® TURF™ CPVC Tees**

**EverTUFF® TURF™ CPVC Tee**

**Socket x Socket x Socket**

Class 315

| Part Number | Size  | Std Pk | Mstr Ctn | Prod Code | MSRP   |
|-------------|-------|--------|----------|-----------|--------|
| 401-010TC   | 1     | 50     | 0        | 032       | 5.69   |
| 401-012TC   | 1-1/4 | 25     | 0        | 032       | 8.93   |
| 401-015TC   | 1-1/2 | 25     | 0        | 032       | 10.83  |
| 401-020TC   | 2     | 25     | 0        | 032       | 15.78  |
| 401-025TC   | 2-1/2 | 10     | 0        | 032       | 52.12  |
| 401-030TC   | 3     | 10     | 0        | 032       | 68.45  |
| 401-040TC   | 4     | 8      | 0        | 032       | 123.84 |
| 401-060TC   | 6     | 2      | 0        | 032       | 416.75 |



**EverTUFF® TURF™ CPVC Tee - Reducing**

**Socket x Socket x Socket**

Class 315

| Part Number | Size        | Std Pk | Mstr Ctn | Prod Code | MSRP   |
|-------------|-------------|--------|----------|-----------|--------|
| 401-168TC   | 1-1/4X1     | 25     | 0        | 032       | 9.78   |
| 401-212TC   | 1-1/2X1-1/4 | 25     | 0        | 032       | 17.20  |
| 401-251TC   | 2X1-1/2     | 10     | 0        | 032       | 26.40  |
| 401-292TC   | 2-1/2X2     | 10     | 0        | 032       | 51.96  |
| 401-338TC   | 3X2         | 6      | 0        | 032       | 74.33  |
| 401-422TC   | 4X3         | 6      | 0        | 032       | 123.84 |



**EverTUFF® TURF™ CPVC Elbows**

**EverTUFF® TURF™ CPVC 90° Elbow**

**Socket x Socket**

Class 315

|           |   |    |   |     |      |
|-----------|---|----|---|-----|------|
| 406-010TC | 1 | 50 | 0 | 032 | 4.31 |
|-----------|---|----|---|-----|------|

