



Irrigation & Turf Product
EverTUFF® TURF™ Fittings For Golf Course & Turf Applications

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
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EverTUFF® TURF™ PVC Tee

Socket x Socket x Socket



Class 315

401-010T	1	50	0	031
401-012T	1-1/4	25	0	031
401-015T	1-1/2	25	0	031
401-020T	2	25	0	031
401-025T	2-1/2	10	0	031
401-030T	3	10	0	031
401-040T	4	8	0	031
401-060T	6	2	0	031

EverTUFF® TURF™ PVC Tee - Reducing

Socket x Socket x Socket



Class 315

401-168T	1-1/4X1	25	0	031
401-212T	1-1/2X1-1/4	25	0	031
401-251T	2X1-1/2	10	0	031
401-292T	2-1/2X2	10	0	031
401-338T	3X2	6	0	031
401-422T	4X3	6	0	031

EverTUFF® TURF™ PVC Elbows

EverTUFF® TURF™ PVC 90° Elbow

Socket x Socket



Class 315

406-010T	1	50	0	031
406-012T	1-1/4	25	0	031
406-015T	1-1/2	25	0	031
406-020T	2	25	0	031
406-025T	2-1/2	10	0	031
406-030T	3	10	0	031
406-040T	4	8	0	031
406-060T	6	4	0	031

EverTUFF® TURF™ PVC 45° Elbow

Socket x Socket



Class 315

417-010T	1	50	0	031
417-012T	1-1/4	25	0	031
417-015T	1-1/2	25	0	031
417-020T	2	25	0	031
417-025T	2-1/2	10	0	031
417-030T	3	10	0	031
417-040T	4	5	0	031

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas

JJ DOWNS INDUSTRIAL PLASTICS INC.

416.236.1884
Toronto, ON
JJDOWNS.COM



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EverTUFF® TURF™ Fittings For Golf Course & Turf Applications

EverTUFF® TURF™ PVC Elbows

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
EverTUFF® TURF™ PVC 45° Elbow (continued)				
Socket x Socket				
417-060T	6	8	0	031

EverTUFF® TURF™ PVC Couplings

EverTUFF® TURF™ PVC Couplings

Socket x Socket

Class 315				
429-010T	1	50	0	031
429-012T	1-1/4	25	0	031
429-015T	1-1/2	25	0	031
429-020T	2	25	0	031
429-025T	2-1/2	12	0	031
429-030T	3	20	0	031
429-040T	4	5	0	031
429-060T	6	5	0	031

EverTUFF® TURF™ PVC Special Reinforced Female Adapters

EverTUFF® TURF™ PVC Female Adapter

Socket x SR Fipt - Stainless Steel Collar

Class 315				
435-010SRT	1	25	200	031
435-012SRT	1-1/4	10	60	031
435-015SRT	1-1/2	10	80	031
435-020SRT	2	10	0	031
435-025SRT	2-1/2	5	0	031
435-030SRT	3	10	0	031
435-040SRT	4	5	0	031
435-060SRT	6	6	0	031

EverTUFF® TURF™ PVC Male Adapters

EverTUFF® TURF™ PVC Male Adapter

Mipt x Socket

Class 315				
436-010T	1	50	0	031
436-012T	1-1/4	25	0	031
436-015T	1-1/2	25	0	031
436-020T	2	25	0	031
436-025T	2-1/2	10	0	031
436-030T	3	10	0	031
436-040T	4	5	0	031

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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EverTUFF® TURF™ PVC Male Adapter (continued)

Mipt x Socket

436-060T	6	5	0	031
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EverTUFF® TURF™ PVC Reducer Bushings

EverTUFF® TURF™ PVC Reducer Bushing Flush Style

Spigot x Socket

Class 315

437-250T	2X1-1/4	10	120	031
437-251T	2X1-1/2	25	0	031
437-292T	2-1/2X2	15	0	031
437-338T	3X2	10	0	031
437-422T	4X3	6	0	031
437-532T	6X4	5	0	031

EverTUFF® TURF™ CPVC Tees

EverTUFF® TURF™ CPVC Tee

Socket x Socket x Socket

Class 315

401-010TC	1	50	0	032
401-012TC	1-1/4	25	0	032
401-015TC	1-1/2	25	0	032
401-020TC	2	25	0	032
401-025TC	2-1/2	10	0	032
401-030TC	3	10	0	032
401-040TC	4	8	0	032
401-060TC	6	2	0	032

EverTUFF® TURF™ CPVC Tee - Reducing

Socket x Socket x Socket

Class 315

401-168TC	1-1/4X1	25	0	032
401-212TC	1-1/2X1-1/4	25	0	032
401-251TC	2X1-1/2	10	0	032
401-292TC	2-1/2X2	10	0	032
401-338TC	3X2	6	0	032
401-422TC	4X3	6	0	032

EverTUFF® TURF™ CPVC Elbows

EverTUFF® TURF™ CPVC 90° Elbow

Socket x Socket

Class 315

406-010TC	1	50	0	032
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EverTUFF® TURF™ CPVC Elbows

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
EverTUFF® TURF™ CPVC 90° Elbow (continued)				
Socket x Socket				
406-012TC	1-1/4	25	0	032
406-015TC	1-1/2	25	0	032
406-020TC	2	25	0	032
406-025TC	2-1/2	10	0	032
406-030TC	3	10	0	032
406-040TC	4	10	0	032
406-060TC	6	4	0	032



EverTUFF® TURF™ CPVC 45° Elbow

Socket x Socket

Class 315

417-010TC	1	50	0	032
417-012TC	1-1/4	25	0	032
417-015TC	1-1/2	25	0	032
417-020TC	2	25	0	032
417-025TC	2-1/2	10	0	032
417-030TC	3	10	0	032
417-040TC	4	5	0	032
417-060TC	6	4	0	032

EverTUFF® TURF™ CPVC Couplings

EverTUFF® TURF™ CPVC Couplings

Socket x Socket

Class 315

429-010TC	1	50	0	032
429-012TC	1-1/4	25	0	032
429-015TC	1-1/2	25	0	032
429-020TC	2	25	0	032
429-025TC	2-1/2	12	0	032
429-030TC	3	10	0	032
429-040TC	4	5	0	032
429-060TC	6	4	0	032



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

**EverTUFF® TURF™ CPVC Female Adapter -
 Special Reinforced**

Socket x SR Fipt - Stainless Steel Collar

Class 315

435-010SRTC	1	25	200	032
435-012SRTC	1-1/4	10	60	032
435-015SRTC	1-1/2	10	80	032
435-020SRTC	2	10	0	032



Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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EverTUFF® TURF™ CPVC Female Adapter - Special Reinforced

(continued)

Socket x SR Fipt - Stainless Steel Collar

435-025SRTC	2-1/2	5	0	032
435-030SRTC	3	10	0	032
435-040SRTC	4	5	0	032
435-060SRTC	6	6	0	032

EverTUFF® TURF™ CPVC Male Adapters

EverTUFF® TURF™ CPVC Male Adapter



Mipt x Socket

Class 315

436-010TC	1	50	0	032
436-012TC	1-1/4	25	0	032
436-015TC	1-1/2	25	0	032
436-020TC	2	25	0	032
436-025TC	2-1/2	10	0	032
436-030TC	3	5	0	032
436-040TC	4	5	0	032
436-060TC	6	5	0	032

EverTUFF® TURF™ CPVC Reducer Bushings

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

Spigot x Socket

Class 315

437-250TC	2X1-1/4	10	200	032
437-251TC	2X1-1/2	25	0	032
437-292TC	2-1/2X2	15	0	032
437-338TC	3X2	10	0	032
437-422TC	4X3	6	0	032
437-532TC	6X4	5	0	032



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