

Electrofusion fittings for gas applications

Application: **Gas**



Innovative solutions

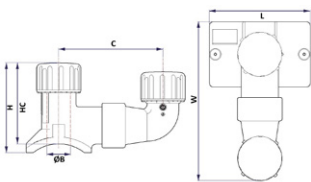
PurgeTee™

PurgeTee™ is Radius Systems' patented ground-breaking solution to carry out all mains purging, pressure testing and bypass construction operations. Our newly redesigned PurgeTee™ brings additional benefits to gas operators and installers offering a more compact solution with reduced spigot length and height, delivering a reduced installation footprint.

Manufactured with a new formed bend fused in a factory controlled environment, our PurgeTee™ reduces the number of site made electrofusion joints for optimum system integrity. Quick and easy

to install compared to alternative solutions, PurgeTee™ is designed with a Unifit® base to suit a range of pipe diameters and SDRs and is manufactured from a high performance PE100 black material. To meet with the industry's changing requirements, all our new design PurgeTee™ are also fitted with 4.0 mm terminal pins.

Factory fabricated using our Unifit® range rated tapping tees to reduce the number of joints made in the field, our PurgeTee™ are quick and easy to install and offer a fully welded solution, which gives installers confidence in a leak-tight system during service.



32 mm outlet

Nominal diameter mm	Dimensions						Weight kg	Fuse time sec	Cool time min	Product code 40V 4.7 mm pin
	ØB	H	HC	C	L	W				
40 ⁵	20	182	133	114	115	176	0.45	40	4	WA8333
55	20	148	116	114	115	174	0.45	55	4	WA8335
63 & 2"	20	153	122	114	115	179	0.45	55	4	WA8336
75	20	140	123	114	115	178	0.45	55	4	WA8337
90 & 3"	20	142	123	114	115	185	0.45	55	4	WA8338
110 - 140 & 4"	20	140	127	114	115	182	0.45	55	4	WA8341
140 - 180 & 6"	20	138	127	114	115	185	0.45	55	4	WA8342
200 - 250 & 8" ⁶	20	134	127	114	115	185	0.52	55	4	WA8351
268 - 355 ⁶	20	132	127	114	115	185	0.52	55	4	WA8359
400 - 560 ⁶	20	130	127	114	115	185	0.52	60	4	WA8367*

63 mm outlet

Nominal diameter mm	Dimensions						Weight kg	Fuse time sec	Cool time min	Product code 40V 4.7 mm pin
	ØB	H	HC	C	L	W				
63 & 2"	34	171	135	176	170	252	1.27	55	4	WA8461
75	34	166	143	176	170	263	1.27	55	4	WA8462
90 & 3"	34	166	135	176	170	263	1.27	60	4	WA8463
110 - 125 & 4"	34	152	137	176	170	268	1.27	70	4	WA8466
140 - 155	34	152	137	176	170	268	1.27	70	4	WA8467
155 - 180 & 6"	34	152	135	176	170	268	1.27	70	4	WA8469
200 ⁶	34	146	135	176	170	268	1.51	70	4	WA8472
213 - 280 & 8" ⁶	34	146	135	176	170	268	1.51	75	4	WA8474
315 - 355 ⁶	34	144	135	176	170	268	1.51	80	4	WA8482
400 - 469 ⁶	34	142	135	176	170	268	1.51	75	4	WA8486*
500 - 560 ⁶	34	139	135	176	170	268	1.51	80	4	WA8492*

⁵ Fitted with an under-part

⁶ Fitted with a thread follower which must be removed after tapping the main

ØB = cut hole diameter

For simple purge operations, please refer to the PurgeTee's instruction details at the end of this brochure.

*Note: WA8367, WA8486 and WA8492 are not suitable for SDR11 pipe. For connection onto SDR11 pipe, please contact RadiusPLUS our live pipeline engineering division on t: 01773 582317 or email: e: radiusplus@radius-systems.com.

Tooling (sold separately)

- Short tee key
Product code: FT0657
- 32 mm x 1" BSP-F adaptor
Product code: FT0655
- 63 mm x 2" BSP-F adaptor
Product code: FT0656



Unique PurgeTee™ design brings added benefits to gas industry

Radius Systems have redesigned their ground-breaking PurgeTee™ range to bring added benefits to gas operators and installers, when carrying out mains purging, pressure testing operations and bypass construction.

Manufactured using a new unique injection moulded fused elbow outlet, our patented PurgeTee™ solution reduces the number of site made electrofusion joints for optimum system integrity. Additionally, the new design offers a more compact solution with reduced length and height, delivering a reduced installation footprint.

Quick and easy to install compared to alternative solutions, PurgeTee™ is designed with a Unifit® base to suit a range of pipe diameters and SDRs and is manufactured from a high performance PE100 black material. To meet with the industry's changing requirements, our PurgeTee™ range is fitted with 4.0 mm terminal pins.

Approved to the most stringent gas industry specifications BS EN 1555-3 and GIS PL2:4, our innovative PurgeTee™ range will be introduced during June 2017 with existing stocks of fittings being phased out.

For more information, please contact your regional sales manager or contact Radius Systems on:
t: +44 (0)1773 811112, e: sales@radius-systems.com.

Features & benefits

- Ground-breaking patented solution for purge, pressure test and bypass operations
- Unique injection moulded fused elbow outlet for optimum system integrity
- Reduction in site made electrofusion joints
- Removal of an additional electrofusion joint from the system
- Compact fitting solution for reduced installation footprint
- Quick and easy to install compared to alternative solutions
- Available in diameters 40 to 560 mm in 32 and 63 mm outlets
 - 40 to 560 mm x 32 mm
 - 63 to 560 mm x 63 mm
- PurgeTee™ adaptor with female thread available for 1" (for 32 mm outlet) and 2" (63 mm outlet) BSPM components
- Manufactured from high performance PE100 material
- New 4.0 mm terminal connections

Radius Systems Ltd

Radius House, Berristow Lane, South Normanton, Alfreton, Derbyshire, DE55 2JJ, UK,
t:+44(0)1773 811112, f: +44(0)1773 812343, e: sales@radius-systems.com, w: www.radius-systems.com