



SPECIFICATIONS & INSTALLATION GUIDE

ANOTHER QUALITY
PRODUCT BY
FORZA GLOBAL



History tells us Market needs often dictate product development.

We also know that products used in different regions around the globe may not be suitable for the Harsh Australian environment that requires dedicated product development that will stand the test of time.

At FORZA GLOBAL, we understand this. Our research team spend significant time & effort testing our product to ensure it meets the need of the Australian market.

**50
YEAR
Warranty**

- All fittings across our gas and water range are made of the premium quality, corrosion resistant, DR Brass providing both reliability and strength to stand the test of time.
- Fittings are solvent resistant and can confidently be exposed to petroleum based products.
- UV Resistant to handle the harsh Australian conditions.
- Warehoused in Australia by FORZA GLOBAL assuring availability of supply across the range.

We believe in the quality of our product at FORZA GLOBAL, therefore we are proud to announce a 50 year warranty on both our gas and water systems.





GAS PIPE

FORZA GAS Pipe is multi layered, incorporating a layer of aluminium between an inner of PE-X and an outer of HDPE. This combination gives stability while still being flexible and strong.

FORZA GAS Pipe is guaranteed against manufacturing defect for a period of 50 years when installed and used in accordance of the Australian and New Zealand Plumbing Codes and or the Local or State Authority and when installed by a licensed Plumber.

FORZA Gas Pipe complies and is manufactured in accordance with the standards as set out in AS4176.

GAS CRIMP

FORZA GAS Crimp fittings are Manufactured from quality DR Brass and are precision CNC machined to Australian and New Zealand Standards.

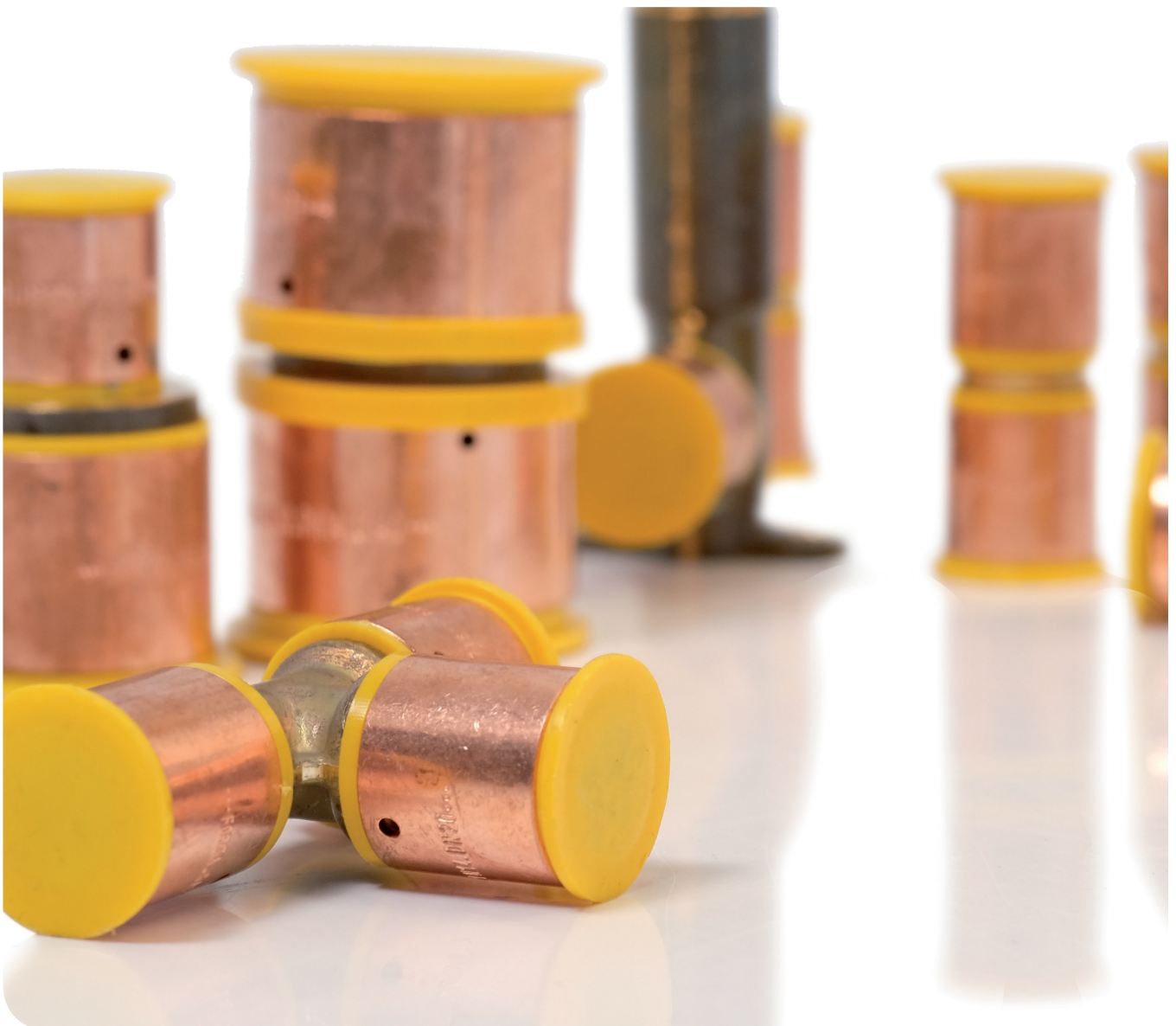
FORZA GAS Crimp fittings have strengthened copper rings with depth inspection windows and the longest joining barbs on the market.

FORZA GAS Crimp fittings do not rely on an 'O' Ring for gas seal, using FORZA GAS eliminates the risk of installer error due to damaged or rolled 'O' Rings.

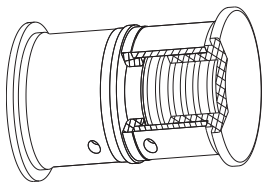
FORZA GAS Crimp Unlike other systems will fail a manometer test if fittings are not crimped, thus eliminating the chance of fittings blowing at a later date when under pressure for a period of time.

FORZA GAS PIPE PACKAGING

PIPE SIZE	PACKAGING
16MM	5M LENGTHS, 100M COILS
20MM	5M LENGTHS, 100M COILS
25MM	5M LENGTHS, 50M COILS
32MM	5M LENGTHS, 50M COILS
40MM	5M LENGTHS
50MM	5M LENGTHS

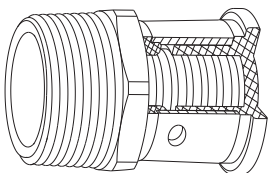


FORZA GAS FITTINGS LIST

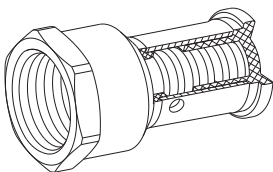


CODE	SIZE	DESCRIPTION
JOINER		
FG11616	DN16	FORZA GAS JOINER 16MM
FG12020	DN20	FORZA GAS JOINER 20MM
FG12525	DN25	FORZA GAS JOINER 25MM
FG13232	DN32	FORZA GAS JOINER 32MM
FG14040	DN40	FORZA GAS JOINER 40MM
FG15050	DN50	FORZA GAS JOINER 50MM

REDUCING JOINER		
FG22016	DN20-16	FORZA GAS REDUCER 20MM X 16MM
FG22516	DN25-16	FORZA GAS REDUCER 25MM X 16MM
FG22520	DN25-20	FORZA GAS REDUCER 25MM X 20MM
FG23220	DN32-20	FORZA GAS REDUCER 32MM X 20MM
FG23225	DN32-25	FORZA GAS REDUCER 32MM X 25MM
FG24020	DN40-20	FORZA GAS REDUCER 40MM X 20MM
FG24025	DN40-25	FORZA GAS REDUCER 40MM X 25MM
FG24032	DN40-32	FORZA GAS REDUCER 40MM X 32MM
FG25025	DN50-25	FORZA GAS REDUCER 50MM X 25MM
FG25032	DN50-32	FORZA GAS REDUCER 50MM X 32MM
FG25040	DN50-40	FORZA GAS REDUCER 50MM X 40MM

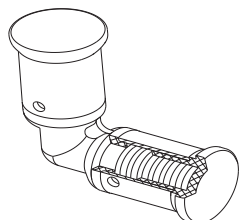


MALE JOINER		
FG31615	DN16X1/2"MI	FORZA GAS MALE JOINER 16MM X 1/2"
FG31620	DN16X3/4"MI	FORZA GAS MALE JOINER 16MM X 3/4"
FG32015	DN20X1/2"MI	FORZA GAS MALE JOINER 20MM X 1/2"
FG32020	DN20X3/4"MI	FORZA GAS MALE JOINER 20MM X 3/4"
FG32515	DN25X1/2"MI	FORZA GAS MALE JOINER 25MM X 1/2"
FG32520	DN25X3/4"MI	FORZA GAS MALE JOINER 25MM X 3/4"
FG32525	DN25X1"MI	FORZA GAS MALE JOINER 25MM X 1"
FG33225	DN32X1"MI	FORZA GAS MALE JOINER 32MM X 1"
FG33232	DN32X1-1/4"MI	FORZA GAS MALE JOINER 32MM X 1-1/4"
FG34032	DN40X1-1/4"MI	FORZA GAS MALE JOINER 40MM X 1-1/4"
FG34040	DN40X1-1/2"MI	FORZA GAS MALE JOINER 40MM X 1-1/2"
FG35050	DN50X2"MI	FORZA GAS MALE JOINER 50MM X 2"

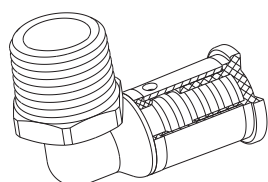


FEMALE JOINER		
FG41615	DN16X1/2"FI	FORZA GAS FEMALE JOINER 16MM X 1/2"
FG42015	DN20X1/2"FI	FORZA GAS FEMALE JOINER 20MM X 1/2"
FG42020	DN20X3/4"FI	FORZA GAS FEMALE JOINER 20MM X 3/4"
FG42520	DN25X3/4"FI	FORZA GAS FEMALE JOINER 25MM X 3/4"
FG42525	DN25X1"FI	FORZA GAS FEMALE JOINER 25MM X 1"
FG43220	DN32X3/4"FI	FORZA GAS FEMALE JOINER 32MM X 3/4"
FG43225	DN32X1"FI	FORZA GAS FEMALE JOINER 32MM X 1"
FG43232	DN32X1 1/4"FI	FORZA GAS FEMALE JOINER 32MM X 1 1/4"

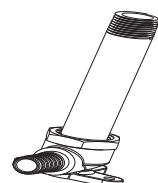
FORZA GAS FITTINGS LIST



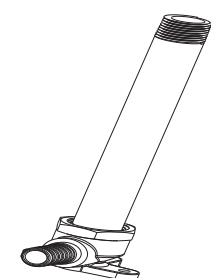
CODE	SIZE	DESCRIPTION
ELBOW		
FG51616	DN16	FORZA GAS ELBOW 16MM
FG52020	DN20	FORZA GAS ELBOW 20MM
FG52525	DN25	FORZA GAS ELBOW 25MM
FG53232	DN32	FORZA GAS ELBOW 32MM
FG54040	DN40	FORZA GAS ELBOW 40MM
FG55050	DN50	FORZA GAS ELBOW 50MM



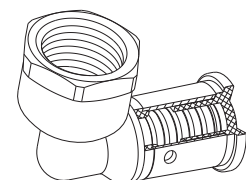
MALE ELBOW		
FG61615	DN16X1/2" MI	FORZA GAS MALE ELBOW 16MM X 1/2"
FG62020	DN20 X 3/4" MI	FORZA GAS MALE ELBOW 20MM X 3/4"
FG62525	DN25 X 1" MI	FORZA GAS MALE ELBOW 25MM X 1"
FG63225	DN32 X 1" MI	FORZA GAS MALE ELBOW 32MM X 1"
FG63232	DN32 X 1 1/4" MI	FORZA GAS MALE ELBOW 32MM X 1 1/4"
FG64025	DN40 X 1" MI	FORZA GAS MALE ELBOW 40MM X 1"
FG65025	DN50 X 1" MI	FORZA GAS MALE ELBOW 50MM X 1"



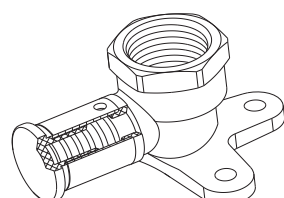
MALE LUGGED ELBOW		
FG66161565	DN16X1/2" MIX65MM	FORZA GAS LUGGY 16MM X 1/2" M.I X 65MM
FG66161590	DN16X1/2" MIX90MM	FORZA GAS LUGGY 16MM X 1/2" M.I X 90MM
FG66201565	DN20X1/2" MIX65MM	FORZA GAS LUGGY 20MM X 1/2" M.I X 65MM
FG66201595	DN20X1/2" MIX95MM	FORZA GAS LUGGY 20MM X 1/2" M.I X 95MM



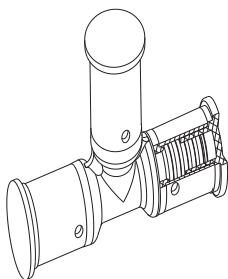
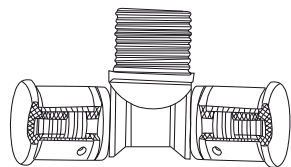
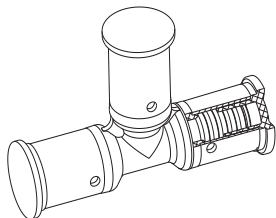
EXTENDED MALE LUGGED ELBOW		
FG661615200	DN16X1/2" MIX200MM	FORZA GAS LUGGY 16MM X 1/2" M.I X 200MM
FG662015200	DN20X1/2" MIX200MM	FORZA GAS LUGGY 20MM X 1/2" MI X 200MM
FG662020200	DN20X3/4" MIX200MM	FORZA GAS LUGGY 20MM X 3/4" MI X 200MM
FG662520200	DN25X3/4" MIX200MM	FORZA GAS LUGGY 25MM X 3/4" MI X 200MM
FG662525200	DN25X1" MIX200MM	FORZA GAS LUGGY 25MM X 1" MI X 200MM
FG663225150	DN32 X 1" MI X150MM	FORZA GAS LUGGY 32MM X 1" MI X 150MM
FG663225200	DN32 X 1" MIX200MM	FORZA GAS LUGGY 32MM X1" MI X 200MM



FEMALE ELBOW		
FG71615	DN16 X 1/2" FI	FORZA GAS FEMALE ELBOW 16MM X 1/2"
FG72015	DN20 X 1/2" FI	FORZA GAS FEMALE ELBOW 20MM X 1/2"
FG72020	DN20 X 3/4" FI	FORZA GAS FEMALE ELBOW 20MM X 3/4"
FG72520	DN25 X 3/4" FI	FORZA GAS FEMALE ELBOW 25MM X 3/4"
FG72525	DN25 X 1" FI	FORZA GAS FEMALE ELBOW 25MM X 1"
FG73225	DN 32 X 1" FI	FORZA GAS FEMALE ELBOW 32MM X 1"



FEMALE LUGGED ELBOW		
FG771615	DN16 X 1/2" FI	FORZA GAS LUGGY 16MM X 1/2" FI
FG772015	DN20 X 1/2"FI	FORZA GAS LUGGY 20MM X 1/2" FI
FG772020	DN20 X 3/4"FI	FORZA GAS LUGGY 20MM X 3/4" FI



CODE	SIZE	DESCRIPTION
EQUAL TEE		
FG8161616	DN16	FORZA GAS TEE 16MM
FG8202020	DN20	FORZA GAS TEE 20MM
FG8252525	DN25	FORZA GAS TEE 25MM
FG8323232	DN32	FORZA GAS TEE 32MM
FG8404040	DN40	FORZA GAS TEE 40MM
FG8505050	DN50	FORZA GAS TEE 50MM

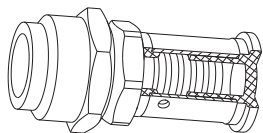
MALE CENTRE TEE		
FG8161616MT	DN16X16X1/2"	FORZA GAS TEE 16MM X 16MM X 1/2" MI
FG8202020MT	DN20X20X3/4"	FORZA GAS TEE 20MM X 20MM X 3/4" MI
FG8252525MT	DN25X25X1"	FORZA GAS TEE 25MM X 25MM X 1" MI
FG8323232MT	DN32X32X1-1/4"	FORZA GAS TEE 32MM X 32MM X 1-1/4" MI
FG8404040MT	DN40X40X1-1/2"	FORZA GAS TEE 40MM X 40MM X 1-1/2" MI
FG8505050MT	DN50X50X2"	FORZA GAS TEE 50MM X 50MM X 2" MI

CENTRE REDUCING TEE		
FG9202016	DN20 X 20 X 16	FORZA GAS TEE 20MM X 20MM X (16MM)
FG9252516	DN25 X 25 X 16	FORZA GAS TEE 25MM X 25MM X (16MM)
FG9252520	DN25 X 25 X 20	FORZA GAS TEE 25 MM X 25MM X (20MM)
FG9323220	DN32 X 32 X 20	FORZA GAS TEE 32 MM X 32MM X (20MM)
FG9323225	DN32 X 32 X 25	FORZA GAS TEE 32 MM X 32MM X (25MM)
FG9404025	DN40 X 40 X 25	FORZA GAS TEE 40 MM X 40MM X (25MM)
FG9404032	DN40 X 40 X 32	FORZA GAS TEE 40 MM X 40MM X (32MM)
FG9505032	DN50 X 50 X 32	FORZA GAS TEE 50 MM X 50MM X (32MM)
FG9505040	DN50 X 50 X 40	FORZA GAS TEE 50 MM X 50MM X (40MM)

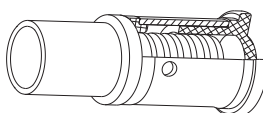
END AND CENTRE REDUCING TEE		
FG9201616	DN20 X 16 X 16	FORZA GAS TEE 20MM X 16MM X (16MM)
FG9251616	DN25 X 16 X 16	FORZA GAS TEE 25MM X 16MM X (16MM)
FG9252020	DN25 X 20 X 20	FORZA GAS TEE 25 MM X 20MM X (20MM)
FG9322525	DN32 X 25 X 25	FORZA GAS TEE 32 MM X 25MM X (25MM)
FG9322520	DN32 X 25 X 20	FORZA GAS TEE 32 MM X 25MM X (20MM)

END REDUCING TEE		
FG9201620	DN20 X 16 X 20	FORZA GAS TEE 20MM X 16MM X (20MM)
FG9251625	DN25 X 16 X 25	FORZA GAS TEE 25MM X 16MM X (25MM)
FG9252025	DN25 X 20 X 25	FORZA GAS TEE 25 MM X 20MM X (25MM)

FORZA GAS FITTINGS LIST



CODE	SIZE	DESCRIPTION
COMPRESSION JOINER		
FGC1615	DN16X1/2"	FORZA GAS COMPRESSION JOINER 16MM
FGC2020	DN20X3/4"	FORZA GAS COMPRESSION JOINER 20MM
FGC2525	DN25X1"	FORZA GAS COMPRESSION JOINER 25MM
FGC3232	DN32X1 1/4"	FORZA GAS COMPRESSION JOINER 32MM
FGC4040	DN40X1 1/2"	FORZA GAS COMPRESSION JOINER 40MM
FGC5050	DN50X2"	FORZA GAS COMPRESSION JOINER 50MM



CONNECTING BARB SPIGOT		
FGCB1615M	DN16X1/2"CU	FORZA GAS CONN. BARB 16MM X 1/2" COPPER
FGCB2020M	DN20X3/4"CU	FORZA GAS CONN. BARB 20MM X 3/4" COPPER
FGCB2525M	DN25X1"CU	FORZA GAS CONN. BARB 25MM X 1" COPPER
FGCB3232M	DN32X1-1/4"CU	FORZA GAS CONN. BARB 32MM X 1-1/4" COPPER

CONNECTING BARB SOCKET

FGCB1615F	DN16X1/2"CU	FORZA GAS CONN. BARB 16MM X 1/2" COPPER
FGCB2015F	DN20X1/2"CU	FORZA GAS CONN. BARB 20MM X 1/2" COPPER
FGCB2020F	DN20X3/4"CU	FORZA GAS CONN. BARB 20MM X 3/4" COP
FGCB2520F	DN25X3/4"CU	FORZA GAS CONN. BARB 25MM X 3/4" COPPER
FGCB2525F	DN25X1"CU	FORZA GAS CONN. BARB 25MM X 1" COPPER
FGCB3232F	DN32X1-1/4"CU	FORZA GAS CONN. BARB 32MM X 1-1/4" COPPER

COPPER RINGS

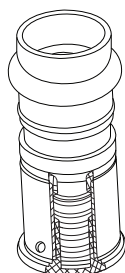
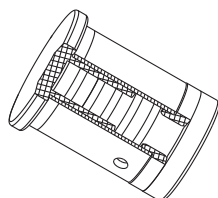
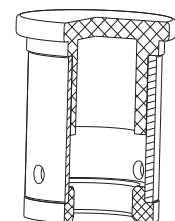
FGCR16	DN16	FORZA GAS COPPER RING 16MM
FGCR20	DN20	FORZA GAS COPPER RING 20MM
FGCR25	DN25	FORZA GAS COPPER RING 25MM
FGCR32	DN32	FORZA GAS COPPER RING 32MM
FGCR40	DN40	FORZA GAS COPPER RING 40MM
FGCR50	DN50	FORZA GAS COPPER RING 50MM

END STOPPER

FGS16	DN16	FORZA GAS STOPPER 16MM
FGS20	DN20	FORZA GAS STOPPER 20MM
FGS25	DN25	FORZA GAS STOPPER 25MM
FGS32	DN32	FORZA GAS STOPPER 32MM

COPPER PRESS ADAPTORS

FGCP1615	DN16X1/2"CU	FORZA GAS 16MM X COPPER PRESS 1/2"
FGCP2020	DN20X3/4"CU	FORZA GAS 20MM X COPPER PRESS 3/4"
FGCP2525	DN25X1"CU	FORZA GAS 25MM X COPPER PRESS 1"
FGCP3232	DN32X1 1/4"CU	FORZA GAS 32MM X COPPER PRESS 1 1/4"



SIZING TABLES FOR CRIMP FITTINGS (NATURAL GAS)

FLOW THROUGH HDPE/AL/PEX COMPOSITE PIPE CRIMPED FITTINGS (MJ/H)

HIGH PRESSURE | PRESSURE DROP 0.25KPA (METER PRESSURE 2.75KPA)

LENGTH OF STRAIGHT PIPE IN METRES

NOM. SIZE	2	4	6	8	10	12	14	16	18
16MM	161	111	89	76	68	61	56	52	49
20MM	323	222	178	153	135	122	113	105	98
25MM	629	433	348	298	264	239	220	205	192
32MM	1267	871	699	598	530	480	442	411	386
40MM	2930	1899	1474	1232	1058	948	865	799	730
50MM	5299	3573	2837	2417	2103	1899	1741	1624	1492

LENGTH OF STRAIGHT PIPE IN METRES

NOM. SIZE	20	25	30	35	40	45	50	55	60
16MM	46	41	37	34	32	30	28	26	23
20MM	93	82	75	69	64	60	57	54	51
25MM	181	161	146	134	125	117	110	105	100
32MM	364	323	293	269	250	235	222	211	201
40MM	689	598	537	479	442	411	386	359	343
50MM	1417	1248	1132	1013	950	891	846	787	752

HIGH PRESSURE (VIC, SA, QLD, TAS AND NT) | PRESSURE DROP 0.75KPA (METER PRESSURE 2.75KPA)

LENGTH OF STRAIGHT PIPE IN METRES

NOM. SIZE	2	4	6	8	10	12	14	16	18
16MM	292	201	161	138	122	111	102	95	89
20MM	585	402	323	276	245	222	204	190	178
25MM	1142	785	630	539	478	433	398	371	348
32MM	2295	1577	1267	1084	961	871	801	745	699
40MM	5303	3438	2668	2229	1915	1717	1565	1446	1321
50MM	9591	6467	5135	4375	3806	3437	3151	2940	2701

LENGTH OF STRAIGHT PIPE IN METRES

NOM. SIZE	20	25	30	35	40	45	50	55	60
16MM	84	75	68	62	58	54	51	49	46
20MM	168	149	135	124	116	109	103	97	93
25MM	328	291	264	243	226	212	200	190	181
32MM	660	585	530	488	454	426	402	382	364
40MM	1274	1082	972	867	800	745	699	649	620
50MM	2564	2260	2049	1833	1720	1612	1531	1424	1362

SIZING TABLES FOR CRIMP FITTINGS (NATURAL GAS)

FLOW THROUGH HDPE/AL/PEX COMPOSITE PIPE CRIMPED FITTINGS (MJ/H)

HIGH PRESSURE (NSW, WA) | PRESSURE DROP 1.50KPA (METER PRESSURE 2.75KPA)

LENGTH OF STRAIGHT PIPE IN METRES									
NOM. SIZE	2	4	6	8	10	12	14	16	18
16MM	426	292	235	201	178	161	148	138	130
20MM	851	585	470	402	356	323	297	276	259
25MM	1661	1142	917	785	695	630	580	539	506
32MM	3339	2295	1843	1577	1398	1267	1165	1084	1017
40MM	7742	5019	3896	3255	2795	2506	2285	2112	1928
50MM	14003	9442	7497	6388	5557	5018	4600	4293	3944

LENGTH OF STRAIGHT PIPE IN METRES									
NOM. SIZE	20	25	30	35	40	45	50	55	60
16MM	122	109	98	90	84	79	75	71	68
20MM	245	217	197	181	168	158	149	142	135
25MM	478	424	384	353	328	308	291	276	264
32MM	961	851	772	710	660	620	585	556	530
40MM	1820	1579	1418	1266	1168	1087	1021	948	905
50MM	3743	3299	2992	2676	2511	2354	2235	2079	1988



SIZING TABLES FOR CRIMP FITTINGS (NATURAL GAS)

FLOW THROUGH HDPE/AL/PEX COMPOSITE PIPE CRIMPED FITTINGS (MJ/H)

LOW PRESSURE | PRESSURE DROP 0.075KPA (METER PRESSURE 1.1KPA)

LENGTH OF STRAIGHT PIPE IN METRES

NOM. SIZE	2	4	6	8	10	12	14	16	18
16MM	84	58	46	40	35	32	29	26	23
20MM	168	116	93	80	70	64	59	55	51
25MM	328	226	181	155	138	125	115	107	100
32MM	660	454	364	312	276	250	230	214	201
40MM	1620	1064	838	700	615	553	503	467	434
50MM	2973	1942	1518	1273	1114	997	906	838	779

LENGTH OF STRAIGHT PIPE IN METRES

NOM. SIZE	20	25	30	35	40	45	50	55	60
16MM	21	17	14	12	11	9	8	8	7
20MM	48	43	39	35	30	27	24	22	20
25MM	95	84	76	70	65	61	58	55	52
32MM	190	168	153	140	131	123	116	110	105
40MM	408	355	320	290	270	253	236	223	211
50MM	731	637	570	519	478	447	419	395	375

LOW PRESSURE | PRESSURE DROP 0.12KPA (METER PRESSURE 1.25KPA)

LENGTH OF STRAIGHT PIPE IN METRES

NOM. SIZE	2	4	6	8	10	12	14	16	18
16MM	109	75	60	51	45	41	38	35	33
20MM	217	149	120	103	91	82	76	70	66
25MM	424	291	234	200	177	161	148	138	129
32MM	851	585	470	402	356	323	297	276	259
40MM	2090	1372	1080	903	794	713	649	602	560
50MM	3835	2505	1959	1642	1438	1286	1169	1081	1005

LENGTH OF STRAIGHT PIPE IN METRES

NOM. SIZE	20	25	30	35	40	45	50	55	60
16MM	31	27	22	19	17	15	13	12	11
20MM	62	55	50	46	43	40	38	35	32
25MM	122	108	98	90	84	79	74	71	67
32MM	245	217	197	181	168	158	149	142	135
40MM	527	458	413	374	349	327	305	287	272
50MM	943	822	735	670	617	577	540	510	484

SIZING TABLES FOR CRIMP FITTINGS (LPG)

FLOW THROUGH HDPE/AL/PEX COMPOSITE PIPE CRIMPED FITTINGS (MJ/H)

LPG | PRESSURE DROP 0.25KPA (METER PRESSURE 2.75KPA)

LENGTH OF STRAIGHT PIPE IN METRES									
NOM. SIZE	2	4	6	8	10	12	14	16	18
16MM	277	190	153	131	116	105	97	90	84
20MM	554	381	306	262	232	210	193	180	169
25MM	1081	743	597	511	453	410	377	351	329
32MM	2173	1494	1199	1027	910	824	758	706	662
40MM	4570	2963	2300	1921	1650	1479	1349	1247	1138
50MM	8266	5574	4426	3771	3281	2962	2716	2534	2328

LENGTH OF STRAIGHT PIPE IN METRES

NOM. SIZE	20	25	30	35	40	45	50	55	60
16MM	80	71	64	59	55	51	49	46	44
20MM	159	141	128	118	110	103	97	92	88
25MM	311	276	250	230	214	201	189	180	172
32MM	625	554	502	462	430	403	381	362	345
40MM	1075	932	837	747	690	642	603	560	535
50MM	2210	1948	1766	1580	1482	1389	1320	1227	1174

LPG | PRESSURE DROP 10.0KPA (METER PRESSURE 70.0KPA)

LENGTH OF STRAIGHT PIPE IN METRES									
NOM. SIZE	2	4	6	8	10	12	14	16	18
16MM	2648	1820	1462	1251	1109	1005	924	860	807
20MM	5297	3640	2923	2502	2218	2009	1848	1720	1614
25MM	10337	7104	5705	4883	4327	3921	3607	3356	3149
32MM	20779	14281	11468	9815	8699	7882	7251	6746	6330
40MM	43691	28325	21987	18368	15775	14144	12897	11919	10881
50MM	79025	53284	42309	36052	31363	28318	25960	24225	22257

LENGTH OF STRAIGHT PIPE IN METRES

NOM. SIZE	20	25	30	35	40	45	50	55	60
16MM	762	675	612	563	524	491	464	441	421
20MM	1524	1351	1224	1126	1048	983	928	882	841
25MM	2974	2636	2388	2197	2044	1918	1812	1721	1642
32MM	5979	5299	4801	4417	4109	3856	3642	3459	3300
40MM	10273	8912	8005	7146	6594	6134	5761	5351	5110
50MM	21125	18619	16885	15101	14170	13283	12614	11732	11222

CERTIFICATE OF CONFORMITY



ApprovalMark International hereby grants:

Forza Global Pty Ltd

2/8 Barclay Road
Derrimut, VIC 3030
AUSTRALIA

ISO Type 5 Certificate of Conformity

Evaluated to:

AS 4176.8: 2010 - Multilayer pipes for pressure applications

Part 8: Multilayer pipe systems for consumer gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) - Specifications for systems (ISO 17484-1:2006, MOD)

The ISO Type 5 License shall comply with all the terms and conditions as stipulated by the governance of the operating rules of the ISO Type 5 Scheme and shall comply with the standard requirements at all times including when the standard is amended. The ISO Type 5 License only covers the product which is identified in the attached product schedule.

Certificate No. AMI 74632

Issued: 2nd August 2022

Original Issue: 12th August 2015

Expires: 12th August 2025

John PRASAD

Director

ApprovalMark International Pty Ltd
20/33 Holbeche Road, Arndell Park 2148, Australia
www.approvalmark.com



Registered by: ApprovalMark International Pty Ltd (ABN 69 143 259 974) Unit 20, 33 Holbeche Road, Arndell Park NSW 2148 Australia. The assessment was carried with appropriate skill and assessment

GAS CRIMP INSTALLATION INSTRUCTIONS

The following instructions explain the correct installation procedure for FORZA GAS Crimp fittings in conjunction with FORZA GAS pipe.

1



With a set of pipe cutters /shears cut the pipe at 90° ensuring the pipe is square on the end.

2



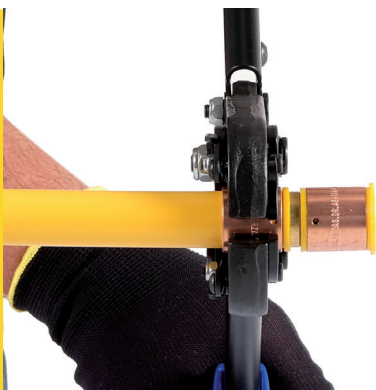
Round the cut end of pipe with the rounding tool.

3



Push fitting onto pipe until pipe is visible through the viewing port on copper ring. This ensures that pipe has been inserted to the correct depth.

4



Position tool so that the jaws of the tool are in the centre of the copper ring.

5



Proceed to crimp the fitting until jaws of tool are completely closed.



GAS CRIMP INSTALLATION INSTRUCTIONS

The following instructions explain the correct installation procedure for FORZA GAS Crimp fittings in conjunction with FORZA GAS pipe.

6



Once crimp is complete test with gauge. Gauge will slide over copper ring if it has been done correctly.



Battery Crimping Tool



Manual Crimping Tool

Warranty



Forza Gas pipe and fittings guaranteed against manufacturing defects for a period of 50 YEARS when installed and used in accordance of the Australian, New Zealand and South American Plumbing code and or the LOCAL or STATE Authority when installed by a licensed PLUMBER.

50
YEAR
Warranty

Forza Gas Pipe & Fittings comply with the standards as set out in AS 4176.8 - 2010 Polyethylene/aluminium and cross-linked polyethylene/aluminium macro-composite pipe system for pressure applications.

* The Forza Global warranty only applies to installations whereby a document can be provided detailing that the installation has been pressure tested to **AS/NZS 5601** at completion of the installation.

a product by



ver.1.2

Allianz Australia Insurance Limited

General & Products Liability Insurance Certificate of Currency

This Certificate of Currency has been issued by Allianz Australia Insurance Limited and confirms that on the Date of Issue the Policy is current for the Period of Insurance and Limit of Liability as shown herein. This Certificate of Currency is issued as a matter of information only and confers no rights upon its holder.

This Certificate of Currency does not form part of the terms and conditions of the Policy and does not amend, extend, replace or alter the terms, conditions, definitions, limitations and exceptions noted therein.

This Certificate of Currency is provided as a summary only of the cover provided and is current only at the Date of Issue. The Policy may be subsequently altered or cancelled in accordance with its terms after the Date of Issue of this notice without further notice to the holder of this notice.

Certain words used in this document and the Policy have special meanings. The Definitions section of the Policy document contains such terms. Please read the Policy wording, the Schedule and any other documents that form part of the Policy for the terms and conditions of cover.

NAMED INSURED:	Forza Global Pty Ltd
POLICY NUMBER:	22-0127810-LCP
PERIOD OF INSURANCE:	
LIMIT OF LIABILITY:	\$50,000,000 per Occurrence or per Occurrence and in the aggregate (as applicable), in accordance with the Policy terms and conditions
POLICY WORDING:	Steadfast General & Products Liability Policy POL255BA/SF 02/21
GEOGRAPHICAL LIMITS:	Anywhere in the world (subject to limitations of the Policy)

Andrew Covel
NSW Senior Liability Underwriter

Date of Issue: Issued on 13th February 2023 for and on behalf of Allianz Australia Insurance Limited



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