

ERA[®]

SINCE 1993



WEBSITE LINK

AS/NZS 1477 Fittings PLASTIC PIPING SYSTEM

CHINA ERA GROUP
YONGGAO Co., Ltd.

VERSION
NUMBER
201901



SR-CU



TEST CERTIFICATE

Certificate number: TC-J0175

Client: Liang Chew Hardware Pte Ltd
133 Kitchener Road
Singapore 208517

Product: 1477 UPVC Fittings

Brand / Model: ERA / 1477 Fittings

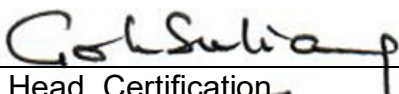
Detail: Size (mm): 15, 20, 25, 32, 40 & 50

Specification: SS 174: 2014, SS 375: 2015

Test Report: 2020626/01-OYC, 2020626/02-CPC

Summary

A sample of product submitted was tested and found to comply with the test requirements of the above standard(s).


Head, Certification
Singapore Test Lab Pte Ltd

Date of Original Issue:

18 June 2020

Date of Last Revision:

14 April 2022

Date of Expiry:

17 June 2024

This Certificate is part of the listed full report(s) and should be read in conjunction with it. This Certificate remains the property of Singapore Test Lab Pte Ltd and shall be returned upon request. The use of this Certificate is subjected to the Terms and Conditions of Singapore Test Lab Pte Ltd.



Singapore Test Lab is an ISO / IEC 17065 Certification Body

Singapore Test Lab Pte Ltd. 10B Enterprise Road, Singapore 629828. Telephone: 6353 6393 Fax: 6353 6395



1477 FITTINGS

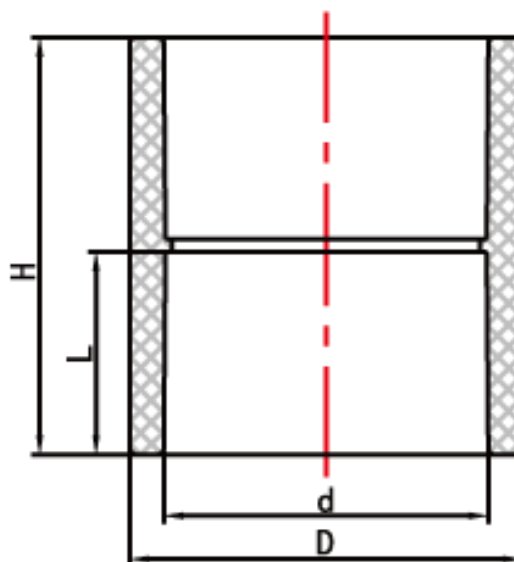
EQUAL SOCKET

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



DIMENSIONS

SKU	D (mm)	d (mm)	H (mm)	L (mm)
1477ES015	27.3	21.7	43.0	20.0
1477ES020	33.6	27.2	47.0	22.0
1477ES025	40.6	34.0	51.0	24.0
1477ES035	50.7	42.7	61.0	29.0
1477ES042	58.3	48.7	68.0	32.0
1477ES050	70.8	60.8	80.0	38.0
1477ES065	87.8	75.8	96.0	46.0
1477ES080	103.4	89.4	108.0	52.0
1477ES100	133.0	115.0	128.0	62.0
1477ES150	185.0	161.0	182.0	89.0

1477 FITINGS

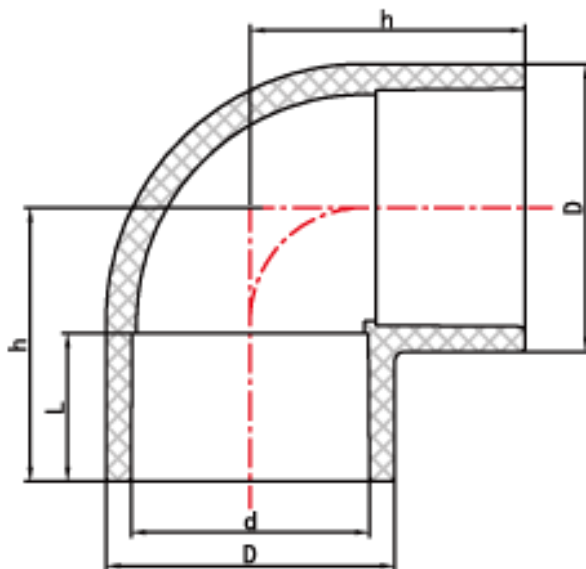
90 DEG ELBOW

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



DIMENSIONS

SKU	D (mm)	d (mm)	L (mm)	h (mm)
1477E90015	27.3	21.7	20.0	33.0
1477E90020	33.6	27.2	22.0	37.5
1477E90025	40.6	34.0	24.0	43.0
1477E90035	50.7	42.7	29.0	52.5
1477E90042	58.3	48.7	32.0	59.1
1477E90050	70.8	60.8	38.0	71.4
1477E90065	87.8	75.8	46.0	86.9
1477E90080	103.4	89.4	52.0	100.2
1477E90100	133.0	115.0	62.0	123.0
1477E90150	185.0	161.0	89.0	173.5

1477 FITTINGS

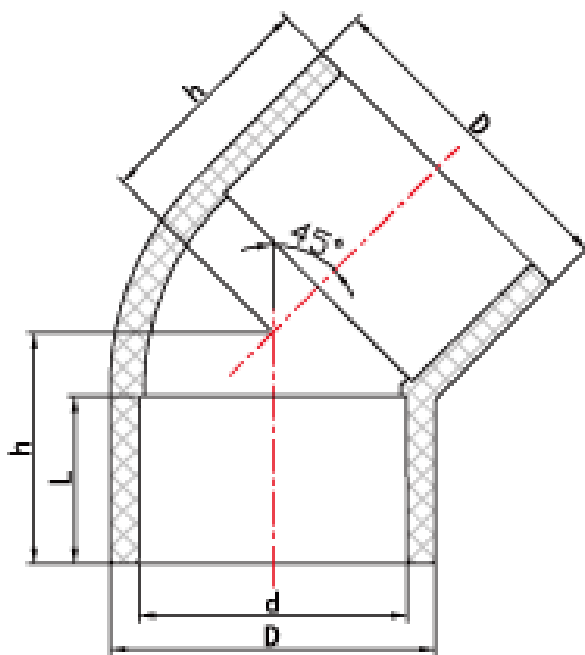
45 DEG ELBOW

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



DIMENSIONS

SKU	D (mm)	d (mm)	L (mm)	h (mm)
1477E45015	27.3	21.7	20.0	27.12
1477E45020	33.6	27.2	22.0	29.97
1477E45025	40.6	34.0	24.0	33.42
1477E45035	50.7	42.7	29.0	40.10
1477E45042	58.3	48.7	32.0	45.05
1477E45050	70.8	60.8	38.0	53.60
1477E45065	87.8	75.8	46.0	64.70
1477E45080	103.4	89.4	52.0	73.48
1477E45100	133.0	115.0	62.0	88.57
1477E45150	185.0	161.0	89.0	125.10

1477 FITTINGS

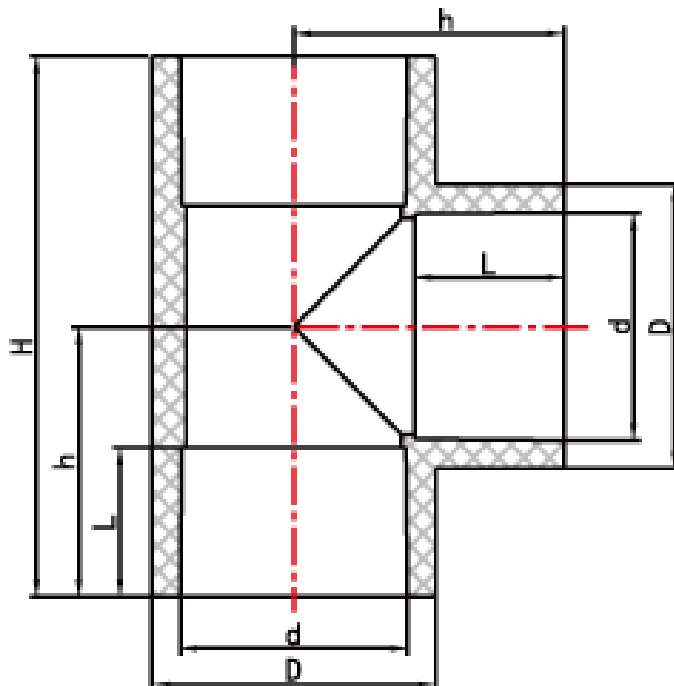
EQUAL TEE

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



DIMENSIONS

SKU	D (mm)	d (mm)	L (mm)	H (mm)	h (mm)
1477ET015	27.3	21.7	20.0	66.0	33.0
1477ET020	33.6	27.2	22.0	75.0	38.0
1477ET025	40.6	34.0	24.0	86.0	43.0
1477ET035	50.7	42.7	29.0	105.0	53.0
1477ET042	58.3	48.7	32.0	118.2	59.0
1477ET050	70.8	60.8	38.0	142.8	71.0
1477ET065	87.8	75.8	46.0	173.8	87.0
1477ET080	103.4	89.4	52.0	200.4	100.0
1477ET100	133.0	115.0	62.0	246.0	123.0
1477ET150	185.0	161.0	89.0	347.0	174.0

1477 FITINGS

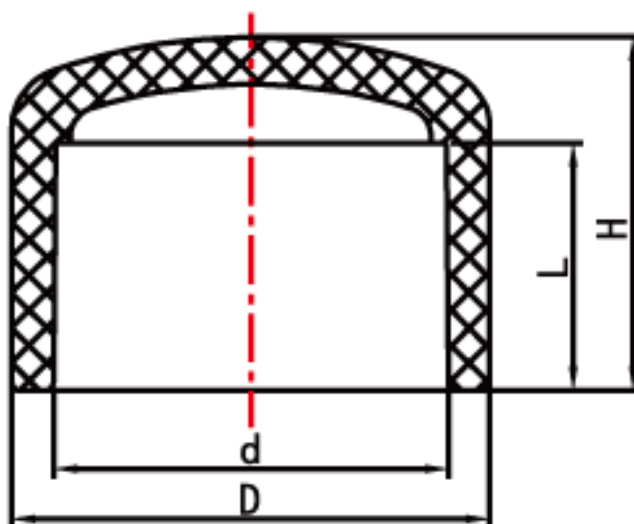
END CAP

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



DIMENSIONS

SKU	D (mm)	d (mm)	L (mm)	H (mm)
1477EC015	27.3	21.7	20.0	28.77
1477EC020	33.6	27.2	22.0	32.40
1477EC025	40.6	34.0	24.0	35.30
1477EC035	50.7	42.7	29.0	42.38
1477EC042	58.3	48.7	32.0	47.06
1477EC050	70.8	60.8	38.0	54.88
1477EC065	87.8	75.8	46.0	65.87
1477EC080	103.4	89.4	52.0	76.14
1477EC100	133.0	115.0	62.0	92.87
1477EC125	162.9	140.9	85.0	122.10
1477EC150	185.0	161.0	89.0	130.05

1477 FITTINGS

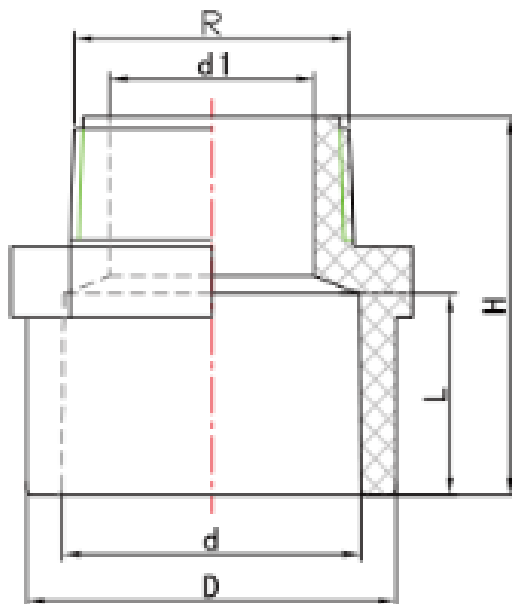
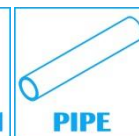
VALVE SOCKET

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



DIMENSIONS

SKU	DN	D (mm)	d (mm)	d1 (mm)	L (mm)	H (mm)	R
1477VS015	15 × ½"	27.3	21.7	13.4	20	40	½"
1477VS020	20 × ¾"	33.6	27.2	17.6	22	45	¾"
1477VS025	25 × 1"	40.6	34.0	23.2	24	49	1"
1477VS035	32 × 1¼"	50.7	42.7	30.4	29	57	1 ¼"
1477VS042	40 × 1½"	58.3	48.7	34.6	32	60	1 ½"
1477VS050	50 × 2"	70.8	60.8	45.8	38	69	2"
1477VS065	65 × 2 ½"	87.8	75.8	59.8	46	82	2 ½"
1477VS080	80 × 3"	103.4	89.4	69.5	52	94	3"
1477VS100	100 × 4"	133.0	115.0	90.4	62	112	4"

1477 FITINGS

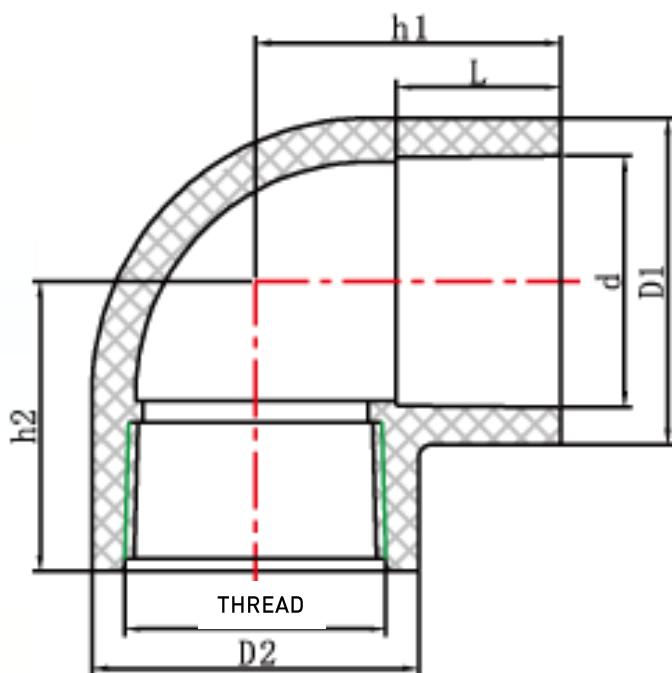
FEMALE ELBOW

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



DIMENSIONS

SKU	D1 (mm)	D2 (mm)	d (mm)	L (mm)	h1 (mm)	h2 (mm)	THREAD
1477FE015	28.3	28.3	19.9	20.0	21	21	Rc 1/2"
1477FE020	34.6	34.6	27.2	22.0	36	36	Rc 3/4"
1477FE025	41.6	41.6	34.0	24.0	42	42	Rc 1"
1477FE035	51.7	51.7	42.7	29.0	51	48	Rc 1 1/4"
1477FE042	59.3	59.3	48.7	32.0	57	51	Rc 1 1/2"
1477FE050	69.0	69.0	60.33	40.0			NPT 2"

1477 FITTINGS

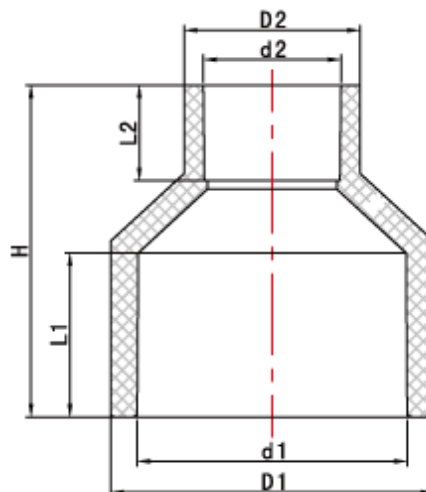
REDUCE SOCKET

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



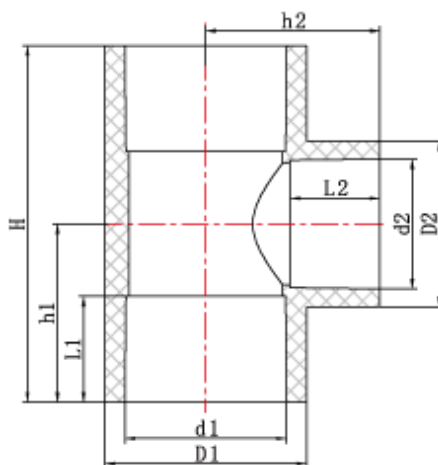
DIMENSIONS

SKU	D1 (mm)	d1 (mm)	L1 (mm)	D2 (mm)	d2 (mm)	L2 (mm)	H (mm)
1477RS02015	33.6	27.2	22	27.3	21.7	20	51
1477RS02515	40.6	34.0	24	27.3	22.0	20	53
1477RS02520	40.6	34.0	24	33.6	27.0	22	55
1477RS03520	50.7	42.7	29	33.6	27.0	22	62
1477RS03525	50.7	42.7	29	40.6	34.0	24	64
1477RS04215	58.3	48.7	32	27.3	22.0	20	66
1477RS04220	58.3	48.7	32	33.6	27.0	22	68
1477RS04225	58.3	48.7	32	40.6	34.0	24	70
1477RS04235	58.3	48.7	32	50.7	43.0	29	76
1477RS05025	70.8	60.8	38	40.6	34.0	24	80
1477RS05035	70.8	60.8	38	50.7	43.0	29	85
1477RS05042	70.8	60.8	38	58.3	49.0	32	89
1477RS06550	87.8	75.8	46	70.8	61.0	38	103
1477RS08050	103.4	89.4	52	70.8	61.0	38	113
1477RS08065	103.4	89.4	52	87.8	76.0	46	121
1477RS10050	133.0	115.0	62	70.8	61.0	38	126
1477RS10080	133.0	115.0	62	103.4	89.0	52	143
1477RS125100	162.9	140.9	85	133.0	115.0	62	179
1477RS150100	185.0	161.0	89	133.0	115.0	62	192

1477 FITTINGS

REDUCE TEE
Colour- White

COMPLY WITH AS/NZS 1477
SS 174
SS 375



DIMENSIONS

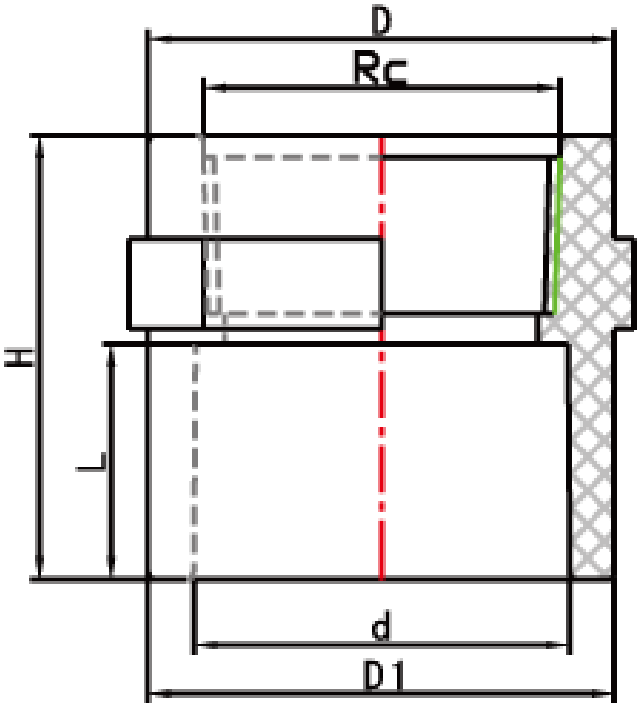
SKU	D1 (mm)	d1 (mm)	L1 (mm)	h1 (mm)	D2 (mm)	d2 (mm)	L2 (mm)	h2 (mm)	H (mm)
1477RT02015	33.6	27.2	22	31.95	27	22	20	35	70
1477RT02520	40.6	34.0	24	39.50	34	27	22	41	79
1477RT03520	50.7	42.7	29	44.50	34	27	22	45	89
1477RT03525	50.7	42.7	29	48.00	41	34	24	48	96
1477RT04215	58.3	48.7	32	45.95	27	22	20	47	92
1477RT04220	58.3	48.7	32	48.00	34	27	22	48	96
1477RT04225	58.3	48.7	32	51.50	41	34	24	51	103
1477RT05020	70.8	60.8	38	54.00	34	27	22	55	108
1477RT05025	70.8	60.8	38	57.50	41	34	24	57	115
1477RT05042	70.8	60.8	38	65.15	58	49	32	65	130
1477RT06550	87.8	75.8	46	79.20	71	61	38	79	158
1477RT08025	103.4	89.4	52	72.50	41	34	24	71	145
1477RT08042	103.4	89.4	52	80.15	58	49	32	80	160
1477RT08050	103.4	89.4	52	86.20	71	61	38	86	172
1477RT10050	133.0	115.0	62	96.20	71	61	38	98	192
1477RT10080	133.0	115.0	62	111.20	103	89	52	112	222
1477RT150100	185.0	161.0	89	151.00	133	115	62	146	302



1477 FITINGS

FAUCET SOCKET
Colour- White

COMPLY WITH AS/NZS 1477
SS 174
SS 375



DIMENSIONS

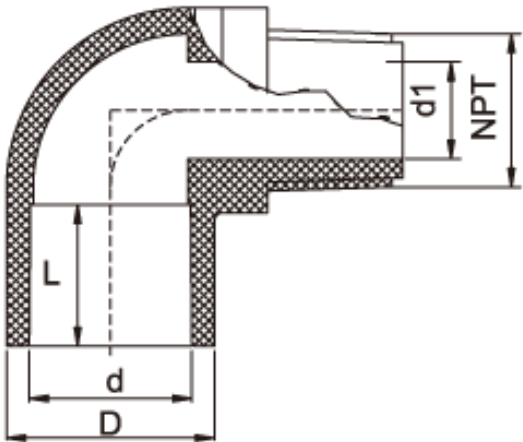
SKU	D (mm)	D1 (mm)	d (mm)	L (mm)	H (mm)	Rc (inch)
1477FS015	28.3	28.3	21.7	20.0	41	1/2"
1477FS020	34.6	34.6	27.2	22.0	45	3/4"
1477FS025	41.6	41.6	34.0	24.0	49	1"
1477FS035	51.7	51.7	42.7	29.0	56	1 1/4"
1477FS042	59.3	59.3	48.7	32.0	60	1 1/2"
1477FS050	71.8	71.8	60.80	38.0	69	2"
1477FS080	104.4	104.4	89.40	52.0	90	3"
1477FS100	134.0	134.0	115.0	62.0	106	4"



1477 FITINGS

SCH40 VALVE ELBOW
Colour- White

COMPLY WITH AS/NZS 1477
SS 174
SS 375



DIMENSIONS

SKU	D (mm)	d (mm)	d1 (mm)	L (mm)	NPT (inch)
1477VE15	27.5	21.34	13.0	19.0	½"

1477 FITTINGS

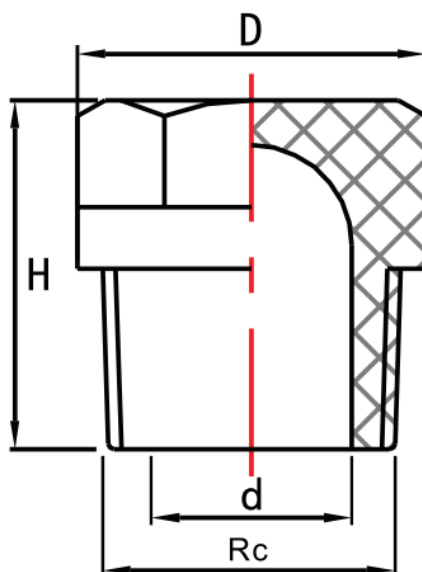
SCREW PLUG

Colour- Black

COMPLY WITH AS/NZS 1477

SS 174

SS 375



DIMENSIONS

SKU	D (mm)	d (mm)	H (mm)	Rc (inch)	WEIGHT (kg)	PCS/CTN
1477SP015	24.0	13.0	26.5	1/2"	0.009	1200
1477SP020	31.0	17.8	31.0	3/4"	0.015	600
1477SP025	39.2	23.0	37.5	1"	0.031	540
1477SP035	43.3	31.5	36.0	1 1/4"	0.030	335
1477SP042	50.0	36.5	38.5	1 1/2"	0.040	315
1477SP050	57.0	47.5	43.0	2"	0.061	180

1477 FITTINGS

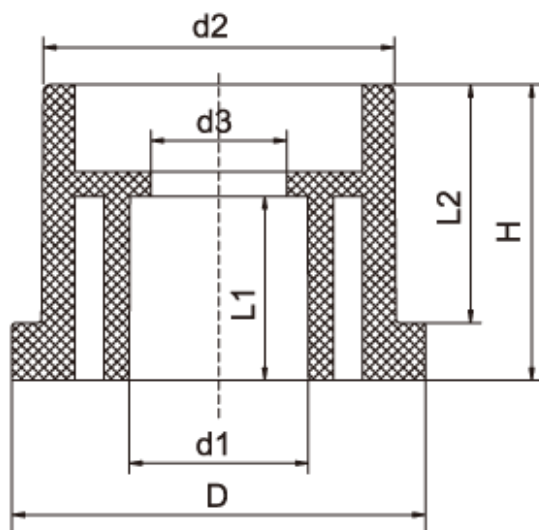
SCH40 REDUCE BUSH

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



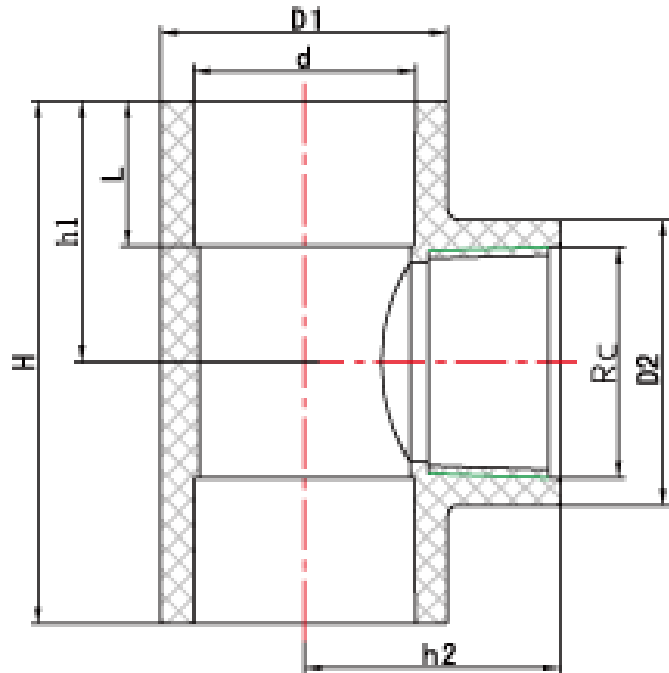
DIMENSIONS

SKU	D (mm)	d1 (mm)	d2 (mm)	d3 (mm)	H (mm)	L1 (mm)	L2 (mm)
1477RB02015	31.9	21.34	26.67	18.5	32.6	22.4	26.0
1477RB02515	40.3	21.34	33.40	16.3	34.1	22.4	27.2
1477RB02520	40.8	26.67	33.40	20.6	34.1	25.8	27.5
1477RB03515	48.8	21.34	42.16	16.3	36.0	22.4	28.7
1477RB03520	48.9	26.67	42.16	20.6	36.0	25.8	28.7
1477RB03525	48.9	33.40	42.16	26.9	36.0	27.5	28.7
1477RB04215	55.5	21.34	48.26	16.3	40.8	22.4	33.5
1477RB04220	55.5	26.67	48.26	20.6	40.8	25.8	33.5
1477RB04225	55.5	33.40	48.26	26.9	40.8	27.0	33.4
1477RB04235	56.6	42.16	48.26	41.0	41.0	29.0	34.0
1477RB05015	68.4	21.34	60.33	16.3	47.4	22.0	39.6
1477RB05020	68.4	26.67	60.33	20.6	47.4	25.8	39.6
1477RB05025	68.4	33.40	60.33	27.3	47.4	27.0	39.6
1477RB05035	68.4	42.16	60.33	35.1	47.4	29.0	39.6
1477RB05042	68.4	48.26	60.33	47.0	47.5	34.0	39.6

1477 FITINGS

FEMALE TEE
Colour- White

COMPLY WITH AS/NZS 1477
SS 174
SS 375



DIMENSIONS

SKU	Rc (inch)	D1 (mm)	D2 (mm)	d (mm)	L (mm)	h1 (mm)	h2 (mm)	H (mm)
1477FT015	½"	27.3	27.3	21.7	20	31	31	62
1477FT020	¾"	33.6	33.6	27.2	22	34	34	67
1477FT025	1"	40.6	40.6	34.0	24	42	41	83

1477 FITTINGS

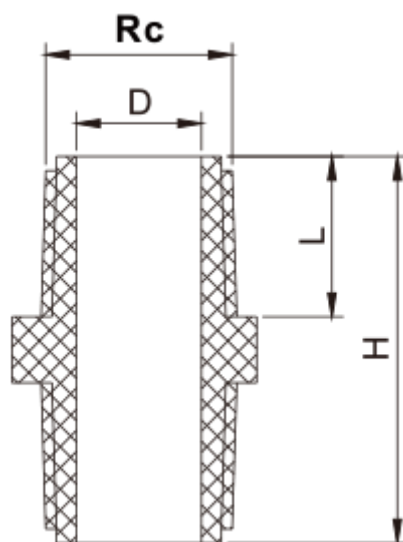
EQUAL NIPPLE M/M

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



DIMENSIONS

SKU	D (mm)	H (mm)	L (mm)	Rc (inch)	WEIGHT (kg)	PCS/CTN
1477TEN015	13.4	41.0	17.0	1/2"	0.0107	1250
1477TEN020	18.4	45.0	18.5	3/4"	0.0170	760
1477TEN025	25.2	54.2	22.6	1"	0.0310	400
1477TEN035	31.5	54.0	23.0	1 1/4"	0.0450	320
1477TEN042	36.5	56.0	24.0	1 1/2"	0.0456	288
1477TEN050	47.5	60.5	26.0	2"	0.0850	144
1477TEN065	64.0	69.0	30.0	2 1/2"	0.1450	120
1477TEN080	74.6	73.5	32.0	3"	0.2140	72
1477TEN100	98.8	85.0	37.5	4"	0.3750	36

1477 FITTINGS

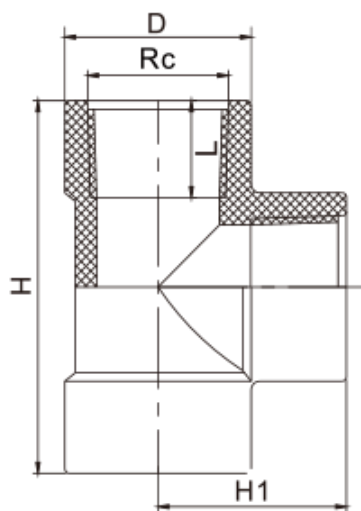
FEMALE EQUAL TEE F/F/F

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



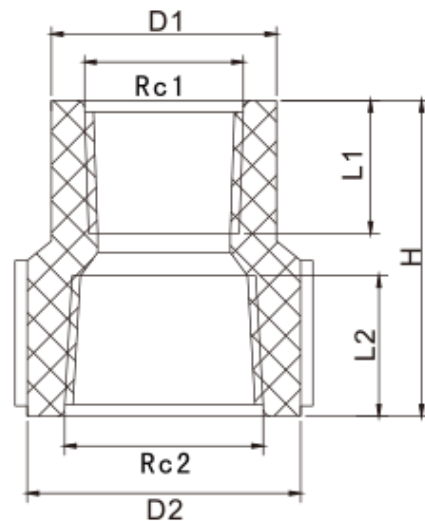
DIMENSIONS

SKU	D (mm)	H (mm)	H1 (mm)	L (mm)	Rc (inch)	WEIGHT (kg)	PCS/CT N
1477TET015	30.0	56.6	28.4	17.0	1/2"	0.037	375
1477TET020	36.5	65.5	32.8	18.5	3/4"	0.057	240
1477TET025	44.0	87.0	44.5	22.6	1"	0.100	100
1477TET035	53.4	94.0	47.0	23.5	1 1/4"	0.141	100
1477TET042	60.2	99.0	49.5	25.0	1 1/2"	0.183	72
1477TET050	74.0	120.4	60.2	28.0	2"	0.292	54
1477TET065	93.3	144.0	72.0	31.5	2 1/2"	0.545	32
1477TET080	105.6	158.3	79.2	33.0	3"	0.780	24
1477TET100	132.8	194.4	97.2	37.5	4"	1.203	8

1477 FITINGS

FEMALE REDUCING COUPLING F/F
Colour- White

COMPLY WITH AS/NZS 1477
SS 174
SS 375



DIMENSIONS

SKU	D1 (mm)	D2 (mm)	H (mm)	L1 (mm)	L2 (mm)	Rc1 (inch)	Rc2 (inch)	WEIGHT (kg)	PCS/ CTN
1477TRS02015	30.0	36.5	41.6	17.5	18.5	1/2"	3/4"	0.029	525
1477TRS02515	30.0	44.0	45.5	17.5	22.0	1/2"	1"	0.041	330
1477TRS02520	36.5	44.0	45.5	18.5	22.0	3/4"	1"	0.043	330
1477TRS03520	36.5	60.8	52.5	18.5	25.0	3/4"	1 1/2"	0.075	200
1477TRS04225	44.0	60.8	56.0	22.0	25.0	1"	1 1/2"	0.081	200

1477 FITINGS

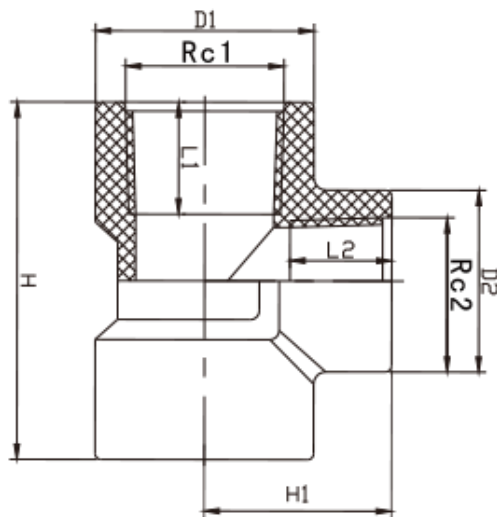
FEMALE REDUCING TEE F/F/F

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



DIMENSIONS

SKU	D1 (mm)	D2 (mm)	H (mm)	H1 (mm)	L1 (mm)	L2 (mm)	Rc1 (inch)	Rc2 (inch)	WEIGHT (kg)	PCS/ CTN
1477TRT02015	36.5	30.0	67.0	34.0	18.5	17.5	3/4"	1/2"	0.048	240
1477TRT02515	44.0	36.5	72.3	37.2	22.6	18.5	1"	1/2"	0.071	180
1477TRT02520	44.0	36.5	72.3	37.2	22.6	18.5	1"	3/4"	0.077	150
1477TRT05025	74.0	60.8	103.8	58.1	28.0	25.0	2"	1"	0.225	96

1477 FITINGS

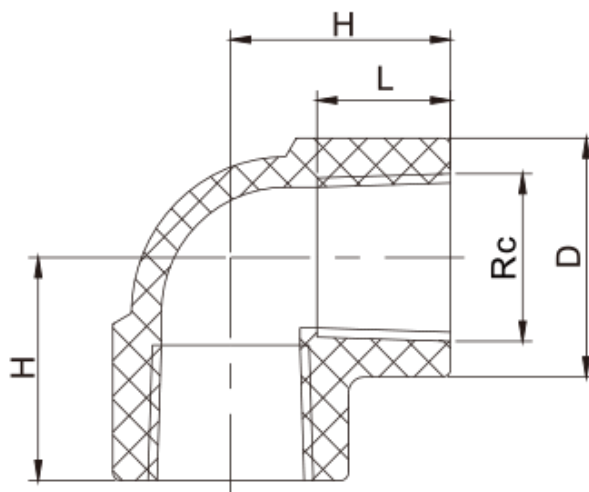
FEMALE ELBOW F/F

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



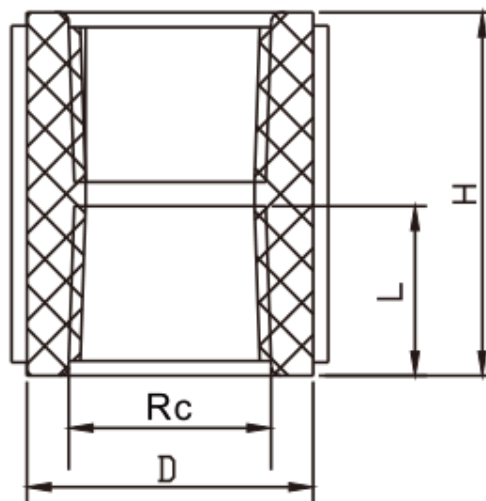
DIMENSIONS

SKU	D (mm)	H (mm)	L (mm)	Rc (inch)	WEIGHT (kg)	PCS/CTN
1477TE90015	30.0	28.0	17.0	1/2"	0.0256	540
1477TE90020	36.5	32.8	18.5	3/4"	0.043	380
1477TE90025	44.0	39.5	22.0	1"	0.067	200
1477TE90035	54.6	47.0	24.0	1 1/4"	0.117	160
1477TE90042	60.4	49.0	25.0	1 1/2"	0.135	144
1477TE90050	74.0	61.2	29.0	2"	0.222	96
1477TE90065	93.3	72.0	31.5	2 1/2"	0.401	48
1477TE90080	104.6	79.2	33.0	3"	0.570	24
1477TE90100	132.5	96.2	36.5	4"	0.928	24

1477 FITINGS

FEMALE COUPLING F/F
Colour- White

COMPLY WITH AS/NZS 1477
SS 174
SS 375



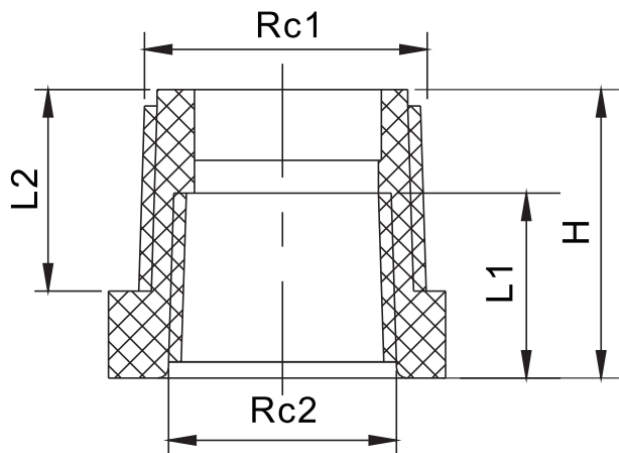
DIMENSIONS

SKU	D (mm)	H (mm)	L (mm)	Rc (inch)	WEIGHT (kg)	PCS/CTN
1477TES015	30.0	37.5	17.5	1/2"	0.022	720
1477TES020	36.5	40.3	18.5	3/4"	0.033	500
1477TES025	44.0	48.3	22.0	1"	0.050	350
1477TES035	51.5	54.0	25.0	1 1/4"	0.080	216
1477TES042	60.8	56.0	26.5	1 1/2"	0.096	240
1477TES050	74.2	59.0	28.0	2"	0.143	144
1477TES065	95.7	63.0	30.0	2 1/2"	0.245	90
1477TES080	109.4	66.0	32.0	3"	0.345	60
1477TES100	135.6	78.0	37.5	4"	0.525	27

1477 FITINGS

REDUCER M/F
Colour- White

COMPLY WITH AS/NZS 1477
SS 174
SS 375



DIMENSIONS

SKU	L1 (mm)	L2 (mm)	H (mm)	Rc1 (inch)	Rc2 (inch)	WEIGHT (kg)	PCS/C TN
1477TRB02015	17.0	18.5	26.5	1/2"	3/4"	0.010	1240
1477TRB02515	17.0	22.6	31.0	1/2"	1"	0.023	600
1477TRB02520	18.5	22.6	31.6	3/4"	1"	0.018	600
1477TRB03520	18.5	22.5	31.5	1 1/4"	3/4"	0.033	220
1477TRB03525	22.0	22.5	31.5	1 1/4"	1"	0.028	220
1477TRB04220	18.5	23.0	33.0	1 1/2"	3/4"	0.044	150
1477TRB04225	22.0	23.0	33.0	1 1/2"	1"	0.043	150
1477TRB04235	24.5	23.0	33.0	1 1/2"	1 1/4"	0.030	150
1477TRB05025	22.0	26.0	37.0	2"	1"	0.073	120
1477TRB05035	24.5	26.0	37.0	2"	1 1/4"	0.072	120
1477TRB05042	25.0	26.0	37.0	2"	1 1/2"	0.062	120
1477TRB08042	28.0	32.0	43.0	3"	1 1/2"	0.113	80
1477TRB08050	31.0	32.0	43.0	3"	2"	0.145	80
1477TRB10050	28.0	38.0	50.0	4"	2"	0.292	36
1477TRB10080	34.0	38.0	50.0	4"	3"	0.265	36

1477 FITINGS

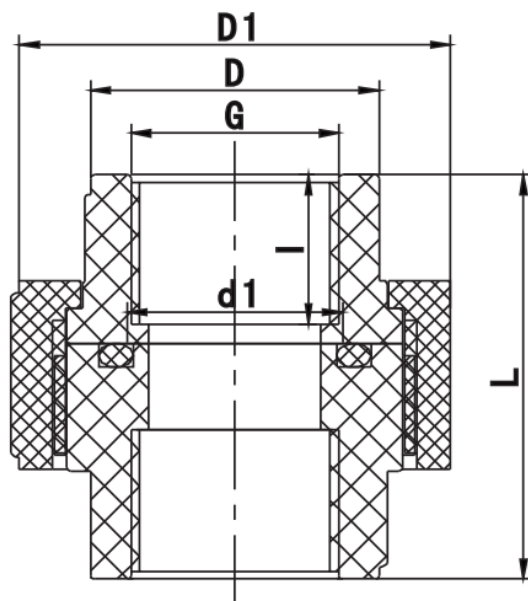
FEMALE UNION

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



DIMENSIONS

SKU	D (mm)	D1 (mm)	d1 (mm)	l (mm)	L (mm)	G (inch)	WEIGHT (kg)	PCS/C TN
1477TU015	30.2	48.0	15.0	17.0	45.5	1/2"	0.075	300
1477TU020	36.8	55.0	22.0	19.0	51.5	3/4"	0.081	192
1477TU025	44.0	64.0	26.0	21.0	54.2	1"	0.138	150
1477TU035	52.0	77.5	32.8	25.9	68.2	1 1/4"	0.202	80
1477TU042	59.0	86.5	40.0	31.3	74.3	1 1/2"	0.272	72
1477TU050	72.8	101.0	53.5	37.5	85.2	2"	0.412	36

1477 FITINGS

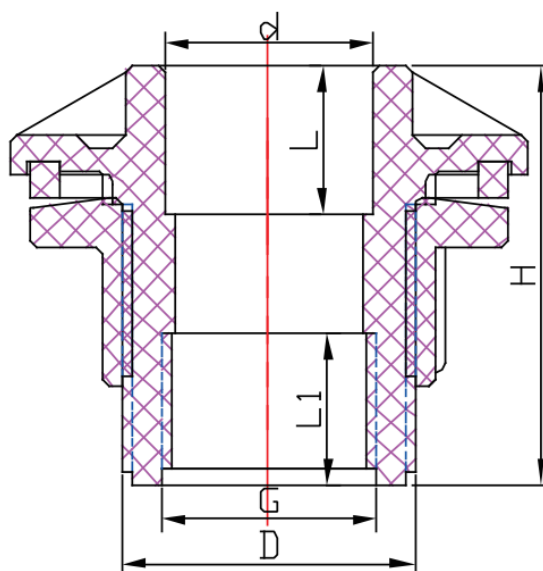
TANK FLANGE ADAPTER F/F

Colour- White

COMPLY WITH AS/NZS 1477

SS 174

SS 375



DIMENSIONS

SKU	D (mm)	D1 (mm)	d1 (mm)	I (mm)	L (mm)	G (inch)	WEIGHT (kg)	PCS/C TN
1477TCF015	30.2	48.0	15.0	17.0	45.5	1/2"	0.083	200
1477TCF020	36.8	55.0	22.0	19.0	51.5	3/4"	0.125	160
1477TCF025	44.0	64.0	26.0	21.0	54.2	1"	0.127	72
1477TCF035	52.0	77.5	32.8	25.9	68.2	1 1/4"	0.148	72
1477TCF042	59.0	86.5	40.0	31.3	74.3	1 1/2"	0.178	60
1477TCF050	72.8	101.0	53.5	37.5	85.2	2"	0.209	48