



AS/NZS 1477 Fittings PLASTIC

PLASTIC PIPING SYSTEM

CHINA ERA GROUP YONGGAO Co., Ltd.

version NUMBER 201901

















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: Date of Last Revision: Date of Expiry:

18 June 2020 14 April 2022 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.

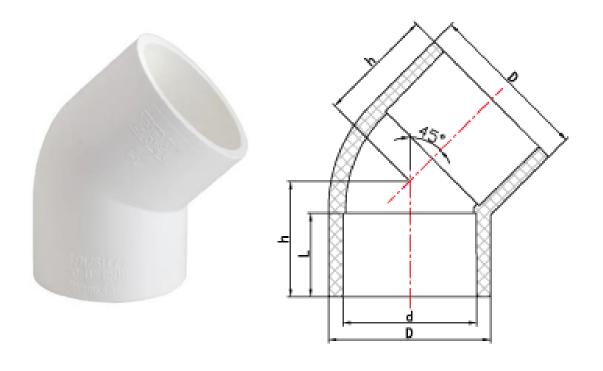






45 DEG ELBOW Colour- White



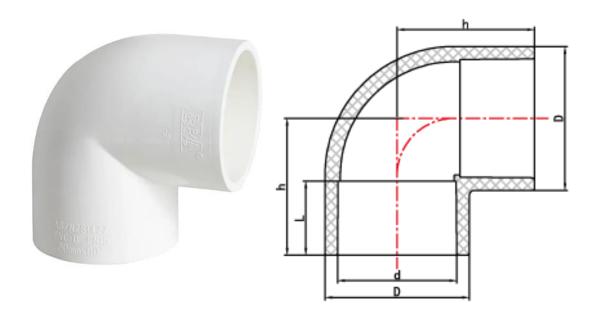


| DIMENSIONS | | | | |
|------------|-----------|-----------|-----------|-----------|
| SKU | D (mm) | d (mm) | L (mm) | h (mm) |
| 1477E45015 | 27.3 | 21.7 | 20.0 | 27.12 |
| 1477E45020 | 33.6 | 27.2 | 22.0 | 29.97 |
| 1477E45025 | 40.6 | 34.0 | 24.0 | 33.42 |
| 1477E45035 | 50.7 | 42.7 | 29.0 | 40.10 |
| 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 |



90 DEG ELBOW Colour- White





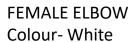
| DIMENSIONS | | | | |
|------------|-------|-------|------|-------|
| SKU | D | d | L | h |
| | (mm) | (mm) | (mm) | (mm) |
| 1477E90015 | 27.3 | 21.7 | 20.0 | 33.0 |
| 1477E90020 | 33.6 | 27.2 | 22.0 | 37.5 |
| 1477E90025 | 40.6 | 34.0 | 24.0 | 43.0 |
| 1477E90035 | 50.7 | 42.7 | 29.0 | 52.5 |
| 1477E90042 | 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 |

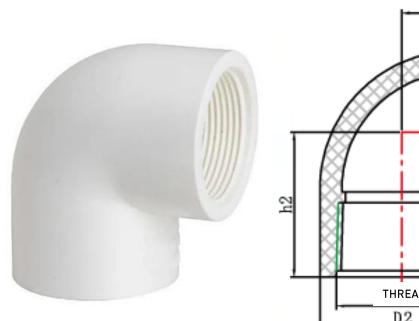


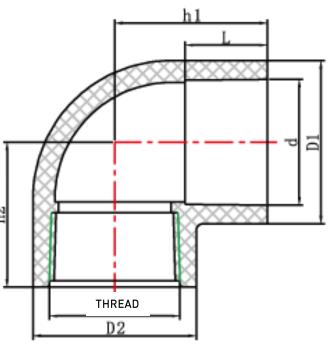












| DIMENSIONS | DIMENSIONS | | | | | | | | | | |
|------------|------------|------------|-----------|-----------|------------|------------|-----------|--|--|--|--|
| SKU | D1 (mm) | D2 (mm) | d (mm) | L (mm) | h1 (mm) | h2 (mm) | THREAD | | | | |
| 1477FE015 | 28.3 | 28.3 | 19.9 | 20.0 | 21 | 21 | Rc ½" | | | | |
| 1477FE020 | 34.6 | 34.6 | 27.2 | 22.0 | 36 | 36 | Rc ¾" | | | | |
| 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 ½" | | | | |
| 1477FE050 | 69.0 | 69.0 | 60.33 | 40.0 | | | NPT 2" | | | | |





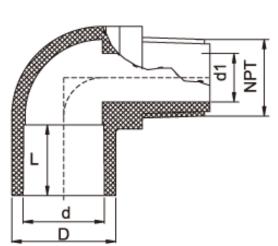






SCH40 VALVE ELBOW Colour- White





| DIMENSIONS | | | | | |
|------------|-----------|-----------|------------|-----------|---------------|
| SKU | D (mm) | d (mm) | d1 (mm) | L (mm) | NPT (inch) |
| 1477VE15 | 27.5 | 21.34 | 13.0 | 19.0 | 1/2" |

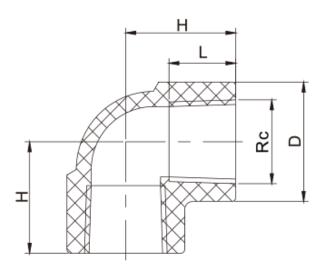






FEMALE ELBOW F/F Colour- White





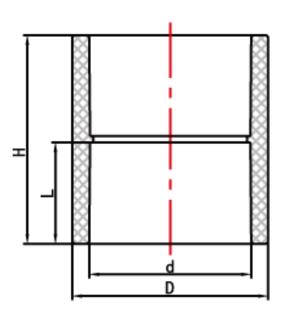
| DIMENSIONS | | | | | | |
|-------------|-----------|-----------|-----------|--------------|----------------|---------|
| SKU | D (mm) | H (mm) | L (mm) | Rc (inch) | WEIGHT (kg) | PCS/CTN |
| 1477TE90015 | 30.0 | 28.0 | 17.0 | 1/2" | 0.0256 | 540 |
| 1477TE90020 | 36.5 | 32.8 | 18.5 | 3/4" | 0.043 | 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 |





EQUAL SOCKET Colour- White





| 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 |





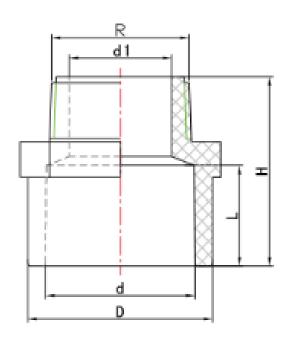












| DIMENSIONS | | | | | | | | | | |
|------------|--------|-----------|-----------|------------|-----------|-----------|--------|--|--|--|
| SKU | DN | D (mm) | d (mm) | d1 (mm) | L (mm) | H (mm) | R | | | |
| 1477VS015 | 15× ½" | 27.3 | 21.7 | 13.4 | 20 | 40 | 1/2" | | | |
| 1477VS020 | 20× ¾" | 33.6 | 27.2 | 17.6 | 22 | 45 | 3/4" | | | |
| 1477VS025 | 25×1" | 40.6 | 34.0 | 23.2 | 24 | 49 | 1" | | | |
| 1477VS035 | 32×1¼" | 50.7 | 42.7 | 30.4 | 29 | 57 | 1 1/4" | | | |
| 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 | 65×2½" | 87.8 | 75.8 | 59.8 | 46 | 82 | 2 1/2" | | | |
| 1477VS080 | 80×3" | 103.4 | 89.4 | 69.5 | 52 | 94 | 3" | | | |
| 1477VS100 | 100×4" | 133.0 | 115.0 | 90.4 | 62 | 112 | 4" | | | |

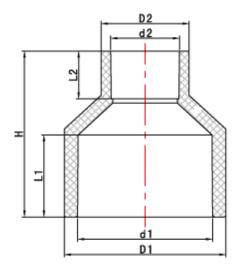


1477 FITINGS

REDUCE SOCKET Colour- White







| 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 |

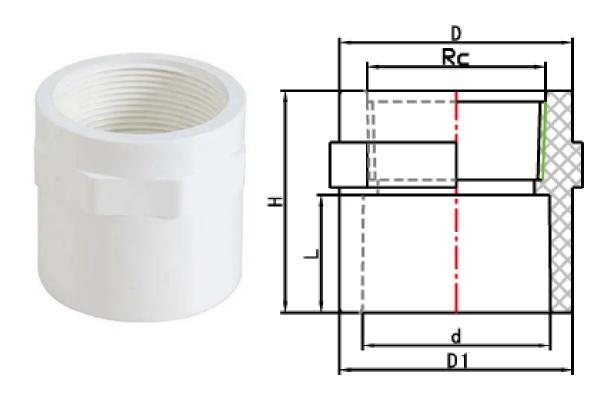








FAUCET SOCKET Colour- White



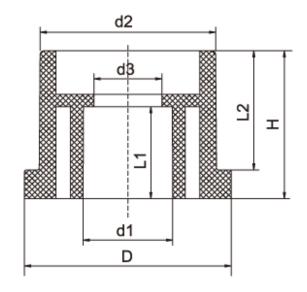
| DIMENSIONS | | | | | | |
|------------|-----------|------------|-----------|-----------|----------|--------------|
| SKU | D (mm) | D1 (mm) | d (mm) | L (mm) | H (mm | Rc (inch) |
| 1477FS015 | 28.3 | 28.3 | 21.7 | 20.0 | 41 | 1/2" |
| 1477FS020 | 34.6 | 34.6 | 27.2 | 22.0 | 45 | 3/4" |
| 1477FS025 | 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" |



SCH40 REDUCE BUSH Colour- White







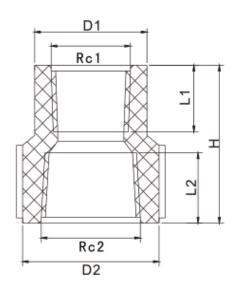
| DIMENSIONS | | | | | | | |
|-------------|-----------|------------|------------|------------|-----------|------------|------------|
| SKU | D (mm) | d1 (mm) | d2 (mm) | d3 (mm) | H (mm) | L1 (mm) | L2 (mm) |
| 1477RB02015 | 31.9 | 21.34 | 26.67 | 18.5 | 32.6 | 22.4 | 26.0 |
| 1477RB02515 | 40.3 | 21.34 | 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 |





FEMALE REDUCING COUPLING F/F Colour- White





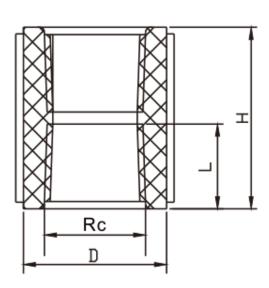
| DIMENSIONS | | | | | | | | | |
|--------------|------------|------------|-----------|------------|------------|---------------|---------------|----------------|-------------|
| SKU | D1 (mm) | D2 (mm) | H (mm) | L1 (mm) | L2 (mm) | Rc1 (inch) | Rc2 (inch) | WEIGHT (kg) | PCS/ CTN |
| 1477TRS02015 | 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 |
| 1477TRS04220 | 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 |



FEMALE COUPLING F/F Colour- White







| 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 |



MANUAL

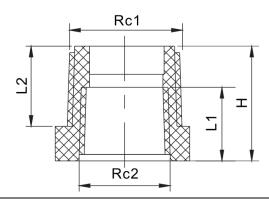






REDUCER M/F Colour- White





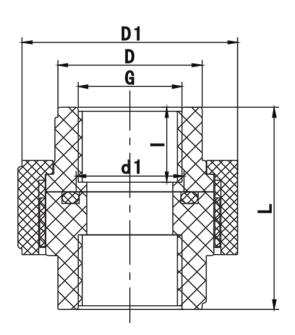
| DIMENSIONS | | | | | | | |
|--------------|------------|------------|-----------|---------------|---------------|----------------|-------------|
| SKU | L1 (mm) | L2 (mm) | H (mm) | Rc1 (inch) | Rc2 (inch) | WEIGHT (kg) | PCS/C TN |
| 1477TRB02015 | 17.0 | 18.5 | 26.5 | 1/2" | 3/4" | 0.010 | 1240 |
| 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 |
| 1477TRB05020 | 26.0 | 18.5 | 37.0 | 2" | 3/4" | 0.067 | 120 |
| 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 |
| 1477TRB06520 | 29.0 | 18.5 | 47.0 | 2 1/2" | 3/4" | 0.104 | 144 |
| 1477TRB06525 | 29.0 | 21.0 | 40.0 | 2 1/2" | 1" | 0.108 | 120 |
| 1477TRB06542 | 29.0 | 25.0 | 40.0 | 2 1/2" | 1 1/2" | 0.104 | 144 |
| 1477TRB06550 | 28.0 | 29.0 | 40.0 | 2 1/2" | 2" | 0.104 | 144 |
| 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 |
| 1477TRB08065 | 28.0 | 32.0 | 43.0 | 3" | 2 1/2" | 0.150 | 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 |



FEMALE UNION Colour- White





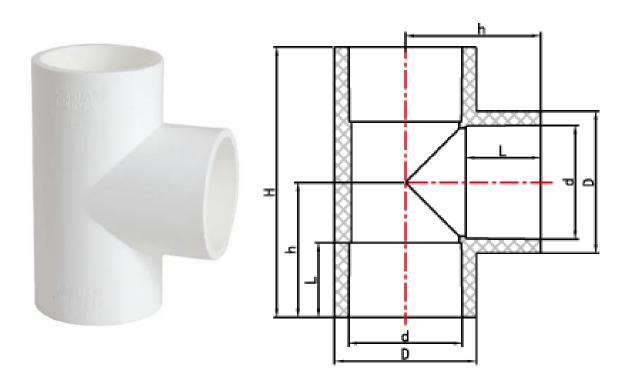


| DIMENSION | S | | | | | | | |
|-----------|-----------|------------|------------|------|-----------|-------------|----------------|-------------|
| SKU | D (mm) | D1 (mm) | d1 (mm) | (mm) | L (mm) | G (inch) | WEIGHT (kg) | PCS/C TN |
| 1477TU015 | 30.2 | 48.0 | 15.0 | 17.0 | 45.5 | 1/2" | 0.075 | 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 |





EQUAL TEE Colour- White



| DIMENSIONS | | | | | |
|------------|-------|-------|------|-------|-------|
| SKU | D | d | L | Н | h |
| | (mm) | (mm) | (mm) | (mm) | (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 |



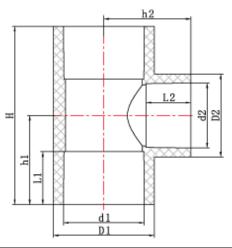
REDUCE TEE Colour- White











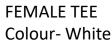
| DIMENSIONS | | | | | | | | | |
|--------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| SKU | D1 (mm) | d1 (mm) | L1 (mm) | h1 (mm) | D2 (mm) | d2 (mm) | L2 (mm) | h2 (mm) | H (mm) |
| 1477RT02015 | 33.6 | 27.2 | 22 | 31.95 | 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 |



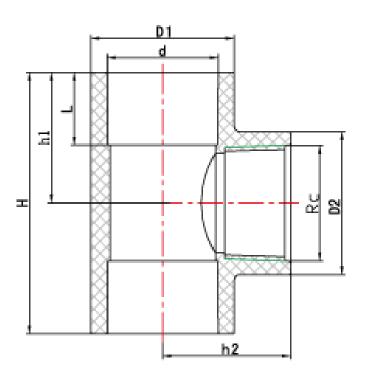












| DIMENSION: | DIMENSIONS | | | | | | | | | | |
|------------|------------|------|------|------|------|------|------|------|--|--|--|
| SKU | Rc | D1 | D2 | d | L | h1 | h2 | Н | | | |
| 5NU | (inch) | (mm) | | | |
| 1477FT015 | 1/2" | 27.3 | 27.3 | 21.7 | 20 | 31 | 31 | 62 | | | |
| 1477FT020 | 3/4" | 33.6 | 33.6 | 27.2 | 22 | 34 | 34 | 67 | | | |
| 1477FT025 | 1" | 40.6 | 40.6 | 34.0 | 24 | 42 | 41 | 83 | | | |



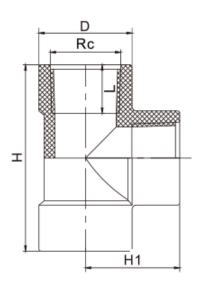
FEMALE EQUAL TEE F/F/F Colour- White











| 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 |



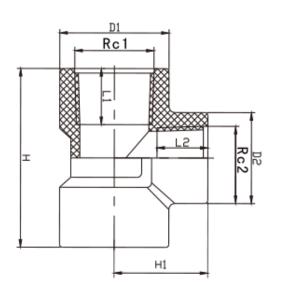
FEMALE REDUCING TEE F/F/F Colour- White











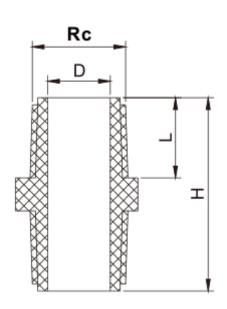
| DIMENSIONS | | | | | | | | | | |
|--------------|------------|------------|-----------|------------|------------|------------|---------------|---------------|--------------------|-------------|
| SKU | D1 (mm) | D2 (mm) | H (mm) | H1 (mm) | L1 (mm) | L2 (mm) | Rc1 (inch) | Rc2 (inch) | WEIG HT (kg) | PCS/ CTN |
| 1477TRT02015 | 36.5 | 30.0 | 59.0 | 109.8 | 18.5 | 17.1 | 3/4" | 1/2" | 0.048 | 240 |
| 1477TRT02515 | 58.0 | 74.5 | 120.0 | 152.4 | 51.0 | 91.8 | 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 |
| 1477TRT04215 | 60.8 | 30.0 | 79.0 | 45.5 | 25.0 | 17.0 | 1 1/2" | 1/2" | 0.130 | 100 |
| 1477TRT04220 | 60.8 | 36.5 | 85.0 | 49.5 | 25.0 | 18.5 | 1 1/2" | 3/4" | 0.150 | 120 |
| 1477TRT04225 | 60.8 | 44.0 | 93.0 | 54.0 | 25.0 | 22.6 | 1 1/2" | 1" | 0.160 | 120 |
| 1477TRT05015 | 74.0 | 30.0 | 86.0 | 53.0 | 28.0 | 17.0 | 2" | 1/2" | 0.200 | 60 |
| 1477TRT05020 | 74.0 | 36.5 | 92.0 | 57.0 | 28.0 | 18.5 | 2" | 3/4" | 0.200 | 96 |
| 1477TRT05025 | 74.0 | 44.0 | 98.0 | 61.0 | 28.0 | 22.6 | 2" | 1" | 0.230 | 96 |
| 1477TRT05042 | 74.0 | 60.8 | 103.8 | 58.1 | 28.0 | 25.0 | 2" | 1 1/2" | 0.250 | 96 |





EQUAL NIPPLE M/M Colour- White





| 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 |



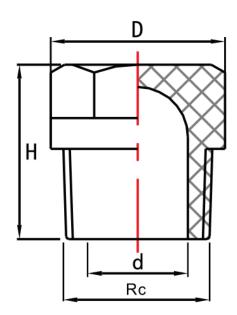






SCREW PLUG Colour- Black





| DIMENSIONS | ò | | | | | |
|------------|-----------|-----------|-----------|--------------|----------------|---------|
| 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 |
| 1477SP065 | 82.0 | 60.0 | 52.5 | 2 1/2" | 0.150 | 120 |
| 1477SP080 | 94.0 | 70.6 | 57.5 | 3" | 0.212 | 80 |
| 1477SP100 | 120 | 93.4 | 63.5 | 4" | 0.361 | 36 |

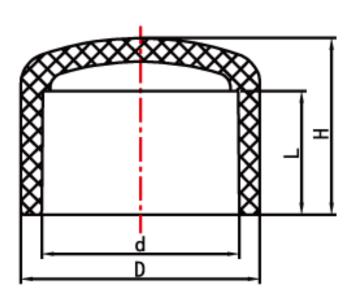






END CAP Colour- White



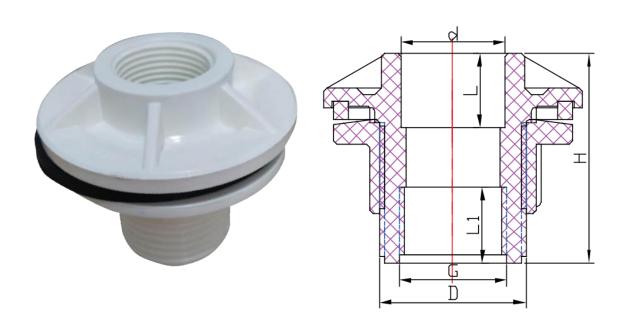


| DIMENSIONS | | | | |
|------------|-----------|-----------|-----------|-----------|
| SKU | D (mm) | d (mm) | L (mm) | H (mm) |
| 1477EC015 | 27.3 | 21.7 | 20.0 | 28.77 |
| 1477EC020 | 33.6 | 27.2 | 22.0 | 32.40 |
| 1477EC025 | 40.6 | 34.0 | 24.0 | 35.30 |
| 1477EC035 | 50.7 | 42.7 | 29.0 | 42.38 |
| 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 |





TANK FLANGE ADAPTER F/F Colour- White



| DIMENSIONS | | | | | | | | |
|------------|-----------|------------|------------|-----------|-----------|-------------|----------------|-------------|
| SKU | D (mm) | D1 (mm) | d1 (mm) | l (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 |