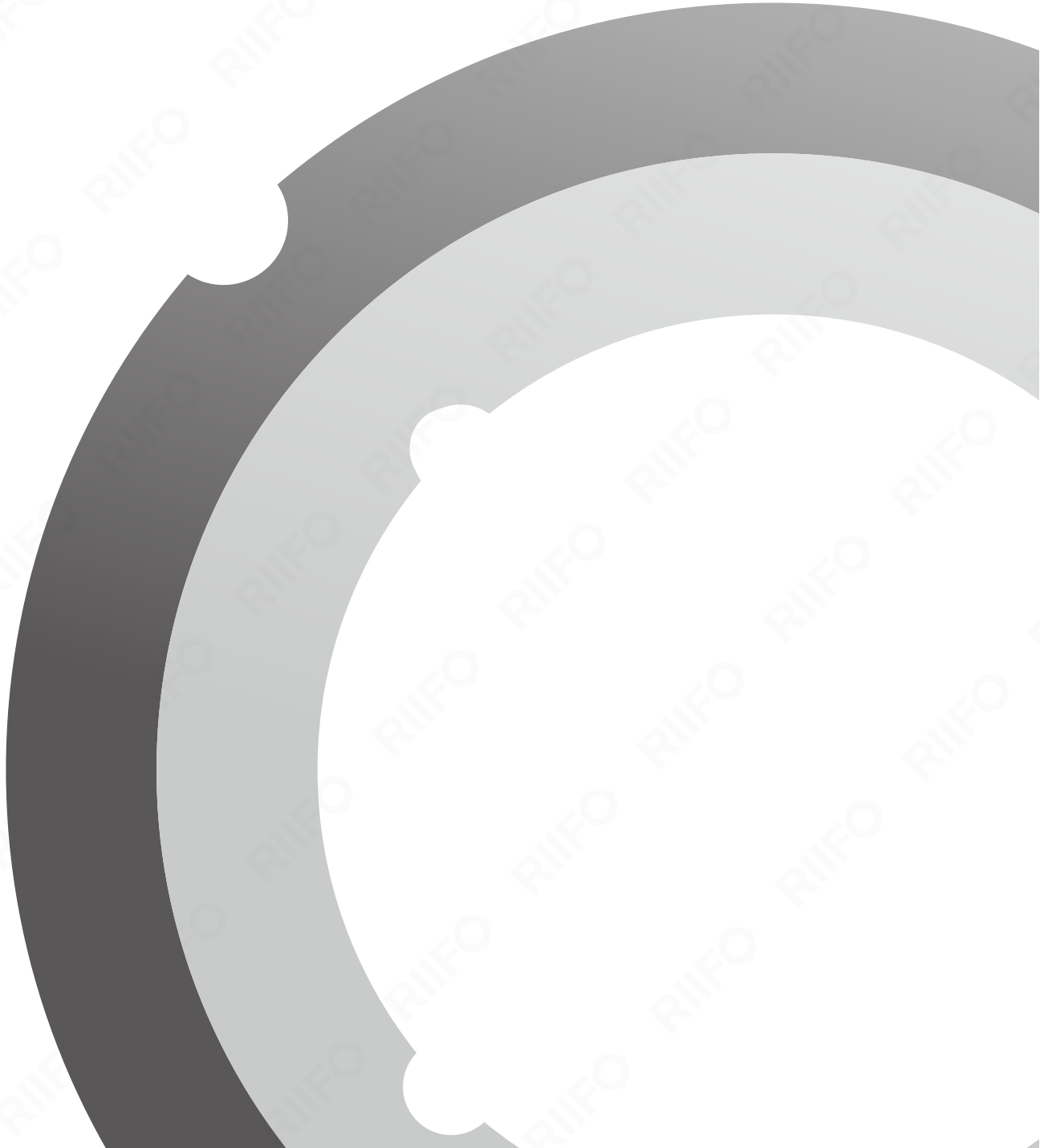


RIIFO PVC  
RIGID CONDUIT



# CATALOGUE INDEX

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03

ABOUT RIIFO

05

INNOVATION

05

SCALE

06

RIIFO APPROVALS

07

PROJECT REFERENCE

13

RIIFO PVC RIGID CONDUIT

- 14 Application
- 14 Advantages
- 14 Standards
- 14 Certificate

15

RIIFO CONDUIT FITTINGS

16

TECHNICAL DATA

- 16 Performance Parameter
- 16 Product Category

17

SPECIFICATIONS

- 18 RIIFO PVC Pipes
- 19 RIIFO PVC Fittings

29

INSTALLATION

32

PACKAGING



# ABOUT RIIFO

RIIFO is a leading multinational corporation, providing one-stop piping solutions applied in residential, commercial, agricultural, industrial, and infrastructural sectors. Persistently reinventing since 1996, with over 8,000 employees, 70 branches & subsidiaries, and 300,000 distributors, we have served customers in more than 100 countries and regions.

With an integrated value chain, from R&D to manufacturing and retail distribution, we strive to fulfill our mission of offering ideal piping products and services for all environments.

8,000

Employees

300,000

Distributors worldwide

100+

Serving over 100 countries & regions

70

Branches & Subsidiaries



## INNOVATION

Believing that innovation is the key to go beyond the ordinary, RIIFO has founded one world-class labs recognized and certified by CNAS. Over 600 innovation talents have spared no effort to challenge industrial boundaries, achieving 923 patents and 20 technology awards.

And this innovative passion has perfectly presented on high quality products and outstanding services, we strive to offer ideal piping solutions to everyone.



## SCALE

We adopt highly automated production lines with the most rigorous and comprehensive production control, and management system to handle such a powerful production.

### Facility

**9**

global production bases

**5,200+**

production staffs

**200**

hectares area totally

**4,000+**

automated production lines

### Capacity

#### Production Capacity

- Pipe: **3.2 billion** m/yr
- Fitting: **1.3 billion** pcs/yr

#### Storage Capacity

- **1,735,000 m<sup>3</sup>** ≈ 61,950 TEU (20 GP Containers)

## RIIFO APPROVALS

RIIFO adhere to the concept of quality priority, all RIIFO products are produced under rigorous quality control with excelsior manufacturing. Until now, RIIFO has gained over 50 certificates, such as NSF, DVGW, AENOR, WRAS Watermark, etc. These certificates worldwide underline our technical and quality know-how, and we can provide you with 25 years system warranty backed up by an international insurance company.

### Group Honor



### Piping Systems





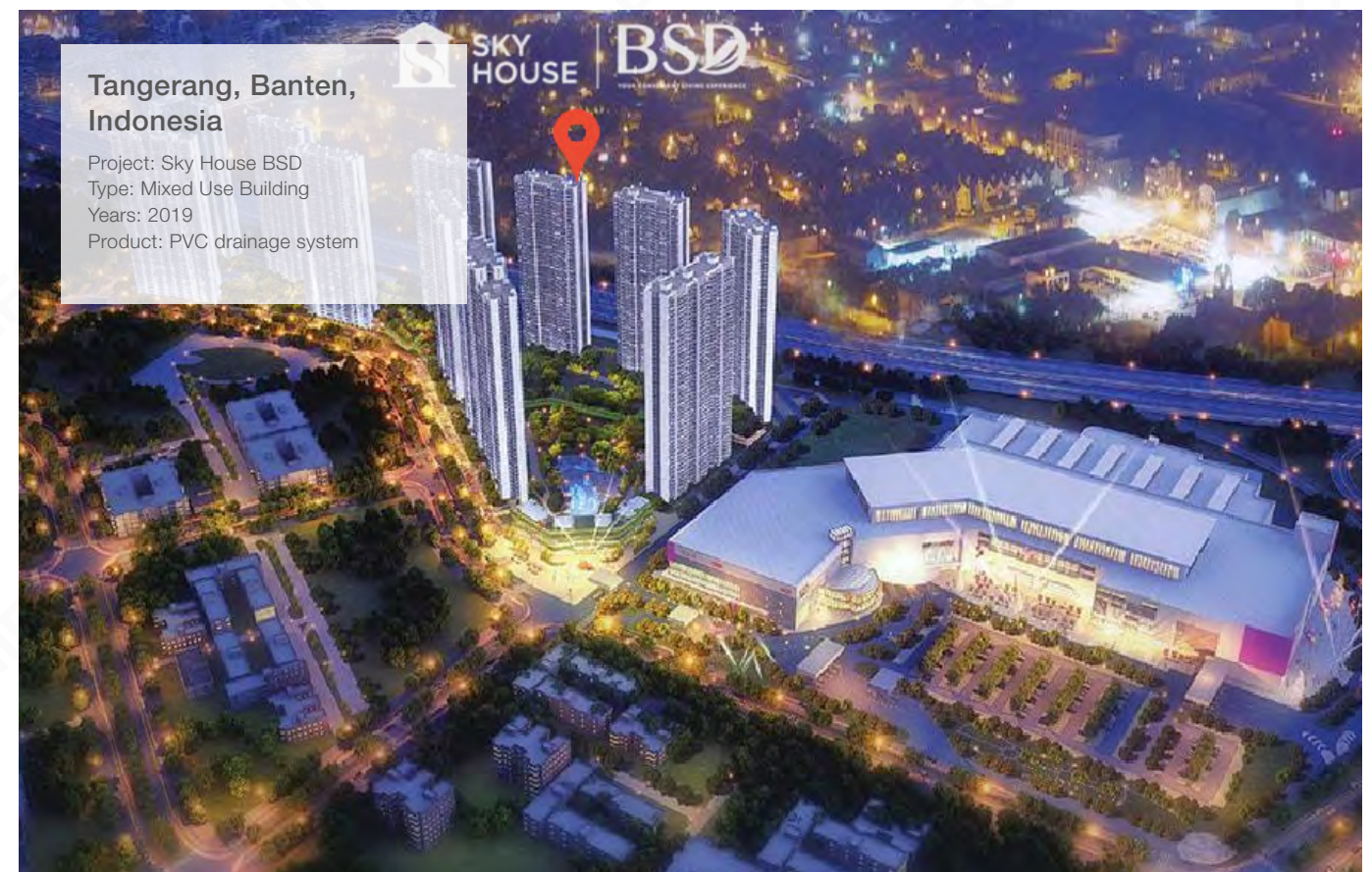
**PROJECT REFERENCE**

## **PROJECT REFERENCE**



**Yadot Tower, Ethiopia**

Project: Yadot Tower Project  
Type: Mix-use building  
Year: 2021  
Product: PVC System



**Tangerang, Banten,  
Indonesia**

Project: Sky House BSD  
Type: Mixed Use Building  
Years: 2019  
Product: PVC drainage system

# PROJECT REFERENCE

## Century Addis Real Estate, Ethiopia

Project: Century Addis Real Estate-  
Brass Apartment Project  
Type: Apartment  
Year: 2021  
Product: PVC System



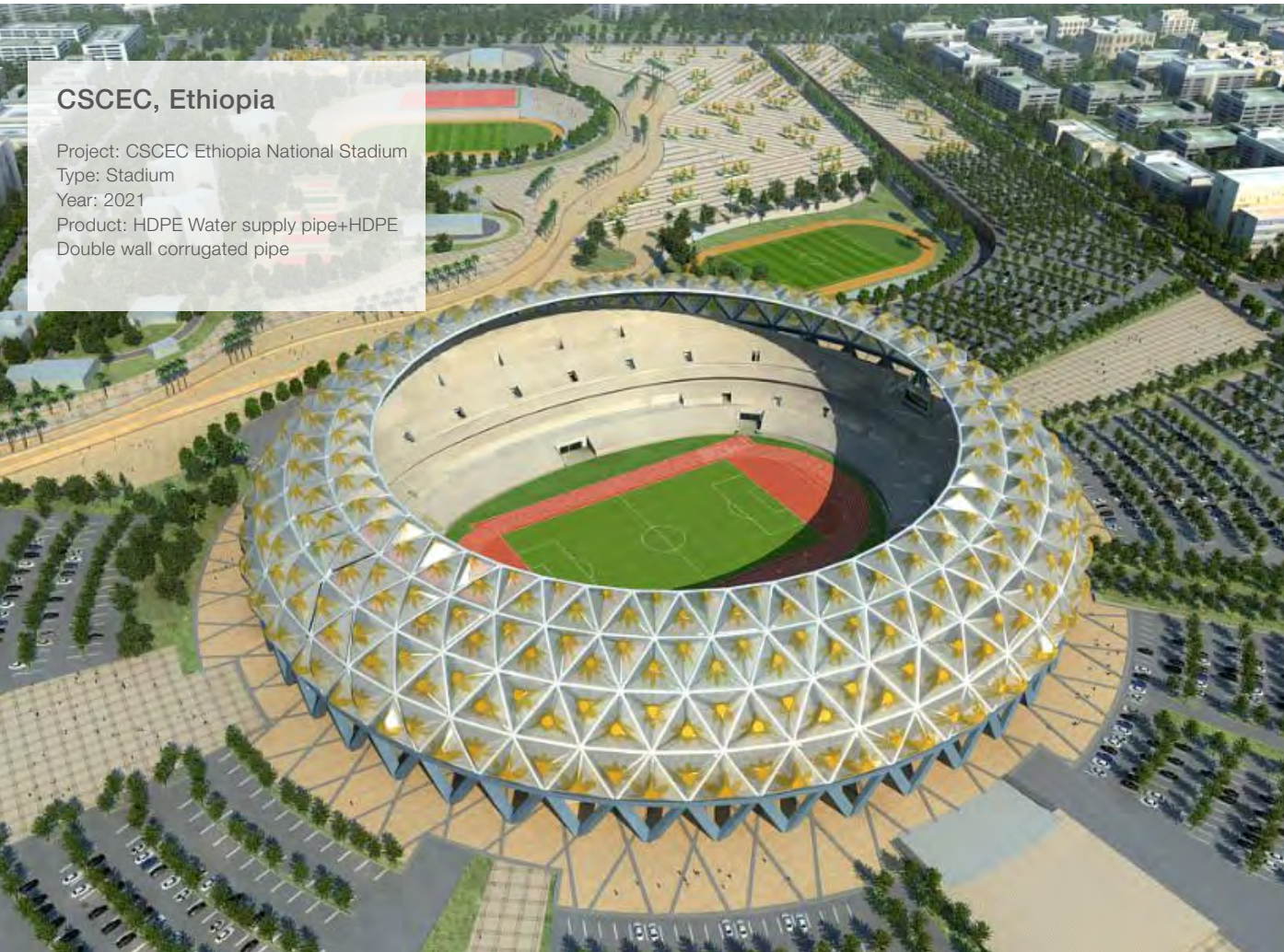
## MDM, Ethiopia

Project: BOLE-RWANDA District Grand View Addis  
Project  
Type: Apartment  
Year: 2021  
Product: PVC System+Multilayer Plumbing System



## CSCEC, Ethiopia

Project: CSCEC Ethiopia National Stadium  
Type: Stadium  
Year: 2021  
Product: HDPE Water supply pipe+HDPE  
Double wall corrugated pipe



## Kidus Commercial Center, Ethiopia

Project: Kidus Commercial Center  
Type: Apartment  
Year: 2021  
Product: PVC System



# PROJECT REFERENCE

## Medan, North Sumatera, Indonesia

Project: Regina Maris Hospital  
Type: Hospital  
Years: 2021  
Product: PP-R Plumbing System,  
PVC Conduit Piping System



## Banjarmasin, Kalimantan, Indonesia

Project: Tower ATC Airnav  
Type: Airport  
Years: 2020  
Product: PVC rigid conduit system

## Tangerang, Banten, Indonesia

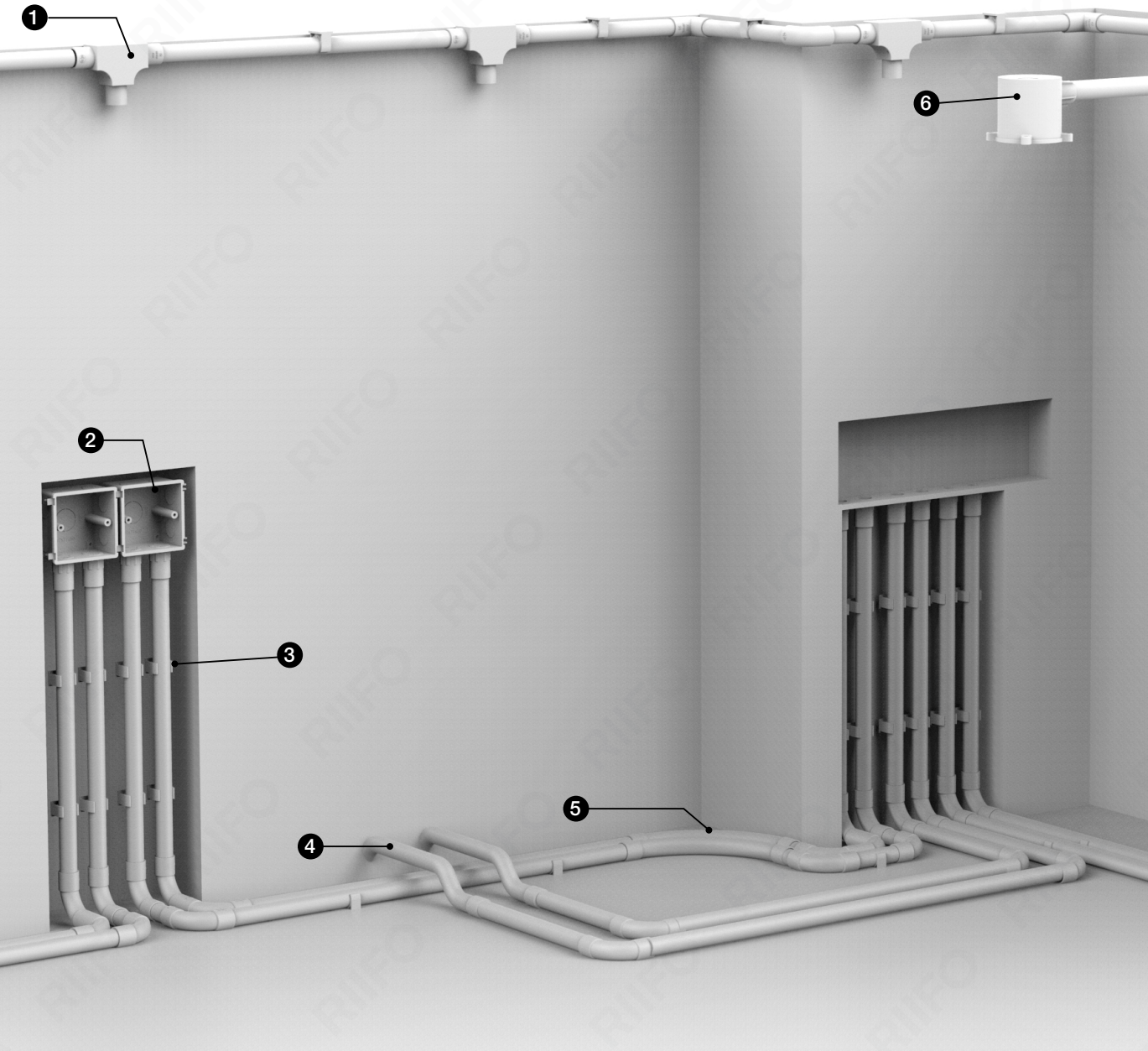
Project: Kingland Avenue  
Type: Apartment  
Years: 2019  
Product: PVC rigid conduit system



## Jakarta, Indonesia

Project: Perguruan Tinggi Ilmu  
Kepolisian  
Type: Education  
Years: 2020  
Product: PVC rigid conduit system

# RIIFO PVC RIGID CONDUIT



# RIIFO PVC RIGID CONDUIT

RIIFO PVC rigid conduit is made of high-quality polyvinyl chloride resins and imported processing additives. It has an advantage of high impact resistance, strong flame retardancy and excellent cold bending performance, offering perfect solution for electrical safety in residential, commercial, and industrial use. RIIFO PVC rigid conduit is proven durable and effective for years of maintenance-free performance in underground.

## Application

- Protect and manage indoor electrical wiring.
- Residential apartments, condominiums, public housing.
- Commercial shopping centers, office buildings, industrial use.
- Hospitals, schools, hotels and resorts.

## Advantages

- |                                                                                                                                                                                                    |                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  Environmental protection and safety, recognized by EPD.                                                      |  Strong flame retardancy, extinguish after leaving the flame for 30 seconds.                                    |
|  Good insulation, able to resist AC2000V voltage and insulation resistance more than $1 \times 10^8 \Omega$ . |  High impact resistance and excellent cold bending performance, which can use less fittings and save more time. |
|  Low coefficient of roughness and smooth walls reduce friction during wire pull.                              |  Excellent physical and chemical properties ensure better tensile strength and durability.                      |
|  Light weight and convenient to transport.                                                                    |  No need for special installation tools, ease and convenient of installation.                                   |

## Standards

IEC 61386-21  
JG 3050-1998

## Certificate



# RIIFO CONDUIT FITTINGS



## Long Radius Bend

- Large arc of the fitting reduces threadin resistance.
- Compared to ordinary elbows, it is convenient for electric wires installation



## Multifunction Gang Box

- Compared to the ordinary design, the punching position has been moved up by 1cm, which means the slotting depth can reduce 1cm. It greatly improve the efficiency of installation.
- Offering the side punching and the front punching can meet various installation demands.
- The cylindrical connection can prevent cement and mud from getting into the box



## Audio Cable Boxes

- Suit for home TV cable, network cable, digital cable connection box.
- Large diameter can accommodate a large number of wires.

# TECHNICAL DATA

## Performance Parameter

| Term                                                        | Index     | Term                                  | Index             |
|-------------------------------------------------------------|-----------|---------------------------------------|-------------------|
| Density                                                     | 1.35~1.55 | Maximum working temperature /° C      | 60                |
| Coefficient of linear expansion/(×10 <sup>-5</sup> m/m.° C) | 6~12      | Thermal conductivity /[W/(m.K)]       | 0.12~0.20         |
| Tensile strength /Mpa                                       | 35~45     | Coefficient of friction               | 0.45              |
| Elongation at break/%                                       | 60~120    | Insulation resistance (Ω)             | ≥ 10 <sup>8</sup> |
| Bending strength/MPa                                        | 65~110    | Dielectric strength/(kV/mm)           | ≥ 2.0             |
| Compressive strength/MPa                                    | 50~80     | Oxygen Index/%                        | ≥ 32              |
| Shore hardness D                                            | 70~90     | Self-extinguishing time from fire/sec | ≤ 30              |

| Term                            | GY.205                                                                         | GY.305                   | GY.405                   |
|---------------------------------|--------------------------------------------------------------------------------|--------------------------|--------------------------|
| Cold Bending Performance(-5° C) | Φ16 bending radius 84mm                                                        | Φ20 bending radius 105mm | Φ25 bending radius 131mm |
| Insulation Index                | No breakdown in AC2000V and 50 Hz within 15mins, Insulation resistance ≥ 100MΩ |                          |                          |
| Ring Stiffness                  | 65 KN/m <sup>2</sup>                                                           | 110 KN/m <sup>2</sup>    | 180 KN/m <sup>2</sup>    |
| Self-IgnitionTemperature        | 600° C                                                                         | 600° C                   | 600° C                   |
| Working temperature             | - 5 ~ 60°C                                                                     | - 5 ~ 60°C               | - 5 ~ 60°C               |
| Compressive performance         | 320N                                                                           | 750N                     | 1250N                    |

## Product Category

| Pipe | Classification | Working temperature | Application                                                                           | Scene picture |
|------|----------------|---------------------|---------------------------------------------------------------------------------------|---------------|
| 205  | Light          | - 5 ~ 60°C          | Suitable for laying in suspended ceilings,Ordinary walls and floors can also be used. |               |
| 215  |                | -15 ~ 60°C          |                                                                                       |               |
| 305  | Medium         | - 5 ~ 60°C          | Suitable for laying in concrete, walls and floors                                     |               |
| 315  |                | -15 ~ 60°C          |                                                                                       |               |
| 405  | Heavy          | - 5 ~ 60°C          | Suitable for laying in concrete and floor in places with gravity.                     |               |
| 415  |                | -15 ~ 60°C          |                                                                                       |               |



# SPECIFICATIONS

## RIIFO Conduit Pipes

### RIIFO Conduit Pipe GY.205



| Specif.           | Packing Specif. (m) | Color |
|-------------------|---------------------|-------|
| PVC-GY.205-16x1.0 | 2.9/116(2.9*40)     | White |
| PVC-GY.205-20x1.1 | 2.9/87(2.9*30)      | White |
| PVC-GY.205-25x1.3 | 2.9/87(2.9*30)      | White |
| PVC-GY.205-32x1.5 | 2.9/58(2.9*20)      | White |

### RIIFO Conduit Pipe GY.305



| Specif.           | Packing Specif. (m) | Color |
|-------------------|---------------------|-------|
| PVC-GY.305-16x1.2 | 2.9/116(2.9*40)     | White |
| PVC-GY.305-16x1.3 | 2.9/116(2.9*40)     | White |
| PVC-GY.305-20x1.3 | 2.9/87(2.9*30)      | White |
| PVC-GY.305-20x1.5 | 2.9/87(2.9*30)      | White |
| PVC-GY.305-25x1.5 | 2.9/87(2.9*30)      | White |
| PVC-GY.305-25x1.6 | 2.9/87(2.9*30)      | White |
| PVC-GY.305-32x1.7 | 2.9/58(2.9*20)      | White |
| PVC-GY.305-32x1.8 | 2.9/58(2.9*20)      | White |
| PVC-GY.305-40x2.0 | 2.9/29(2.9*10)      | White |
| PVC-GY.305-50x2.2 | 2.9/14.5(2.9*5)     | White |

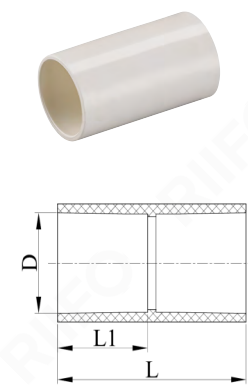
### RIIFO Conduit Pipe GY.405



| Specif.           | Packing Specif. (m) | Color |
|-------------------|---------------------|-------|
| PVC-GY.405-16x1.6 | 2.9/116(2.9*40)     | White |
| PVC-GY.405-20x1.8 | 2.9/87(2.9*30)      | White |
| PVC-GY.405-20x2.0 | 2.9/87(2.9*30)      | White |
| PVC-GY.405-25x1.9 | 2.9/87(2.9*30)      | White |
| PVC-GY.405-32x2.3 | 2.9/58(2.9*20)      | White |
| PVC-GY.405-40x2.3 | 2.9/29(2.9*10)      | White |
| PVC-GY.405-50x2.3 | 2.9/14.5(2.9*5)     | White |

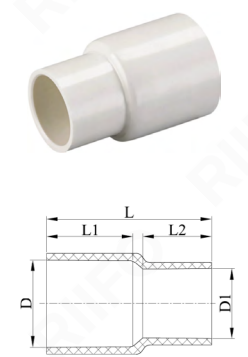
RIIFO Conduit Fittings

Coupling



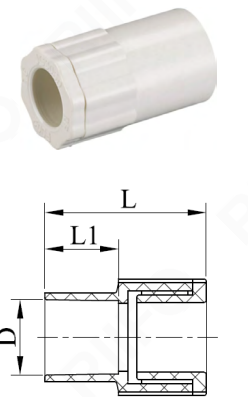
| Code   | Specif.                | pcs/box | pcs/ctn. | D  | L    | L1   |
|--------|------------------------|---------|----------|----|------|------|
| 049724 | F20-S16x16             | 300     | 1800     | 16 | 33.5 | 16   |
| 041682 | F20-S20x20             | 160     | 960      | 20 | 42   | 20   |
| 041684 | F20-S25x25             | 80      | 480      | 25 | 52   | 25   |
| 049725 | F20-S32x32             | 75      | 600      | 32 | 66   | 32   |
| 039834 | F20-S16x16(Lengthened) | 200     | 1200     | 16 | 45   | 21.5 |
| 032054 | F20-S20x20(Lengthened) | 720     | 20       | 55 | 26.5 |      |
| 049726 | F20-S40x40             | 512     | 40       | 67 | 32   |      |
| 049727 | F20-S50x50             | 288     | 50       | 67 | 32   |      |

Reducing coupling



| Code   | Specif.    | pcs/box | pcs/ctn. | DxD1  | L  | L1 | L2 |
|--------|------------|---------|----------|-------|----|----|----|
| 050918 | F20-S20x16 | 180     | 1080     | 20x16 | 37 | 20 | 16 |
| 050919 | F20-S25x20 | 110     | 660      | 25x20 | 48 | 25 | 20 |
| 050927 | F20-S32x25 | 100     | 800      | 32x25 | 60 | 32 | 25 |

Terminal adapter



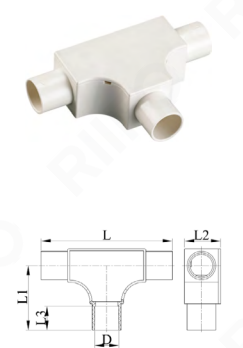
| Code   | Specif.    | pcs/box | pcs/ctn. | D  | L  | L1 |
|--------|------------|---------|----------|----|----|----|
| 049747 | F20-J16x16 | 280     | 1680     | 16 | 33 | 16 |
| 041681 | F20-J20x20 | 150     | 900      | 20 | 37 | 20 |
| 041680 | F20-J25x25 | 90      | 540      | 25 | 43 | 25 |
| 049748 | F20-J32x32 | 85      | 680      | 32 | 52 | 32 |
| 022928 | F20-J40x40 | 288     | 40       | 53 | 32 |    |
| 049749 | F20-J50x50 | 500     | 50       | 53 | 32 |    |

Reducing terminal adapter



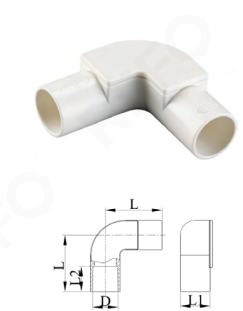
| Code   | Specif.    | pcs/box | pcs/ctn. | D1xD  | L    | L1 |
|--------|------------|---------|----------|-------|------|----|
| 049750 | F20-J20x16 | 180     | 1080     | 20x16 | 34.5 | 16 |
| 041838 | F20-J25x20 | 100     | 600      | 25x20 | 40   | 20 |

Inspection tee



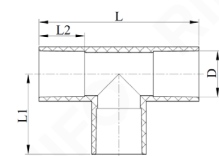
| Code   | Specif.        | pcs/box | pcs/ctn. | D  | L   | L1   | L2   | L3 |
|--------|----------------|---------|----------|----|-----|------|------|----|
| 050920 | F20-GT16x16x16 | 60      | 480      | 16 | 100 | 49.5 | 27.8 | 16 |
| 049736 | F20-GT20x20x20 | 40      | 320      | 20 | 109 | 54   | 32   | 20 |
| 049737 | F20-GT25x25x25 | 25      | 200      | 25 | 116 | 57.5 | 39   | 25 |

Elbow with cover



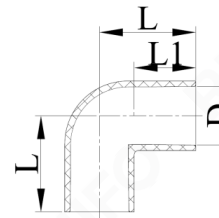
| Code   | Specif.     | pcs/box | pcs/ctn. | D  | L    | L1   | L2 |
|--------|-------------|---------|----------|----|------|------|----|
| 050921 | F20-GL16x16 | 100     | 600      | 16 | 41.5 | 19   | 16 |
| 049734 | F20-GL20x20 | 60      | 360      | 20 | 45   | 23.5 | 20 |
| 049735 | F20-GL25x25 | 40      | 240      | 25 | 50   | 29   | 25 |
| 049947 | F20-GL32x32 | 30      | 240      | 32 | 67.5 | 36.5 | 32 |

Tee



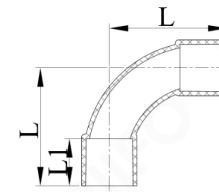
| Code   | Specif.       | pcs/box | pcs/ctn. | D  | L   | L1   | L2 |
|--------|---------------|---------|----------|----|-----|------|----|
| 049730 | F20-T16x16x16 | 120     | 720      | 16 | 53  | 26.5 | 16 |
| 041834 | F20-T20x20x20 | 60      | 360      | 20 | 70  | 35   | 20 |
| 041835 | F20-T25x25x25 | 60      | 480      | 25 | 80  | 40   | 25 |
| 049731 | F20-T32x32x32 | 32      | 256      | 32 | 100 | 50   | 32 |
| 035045 | F20-T40x40x40 | 15      | 120      | 40 | 108 | 54   | 32 |
| 048713 | F20-T50x50x50 | 12      | 96       | 50 | 118 | 59   | 32 |

Elbow



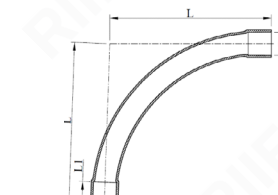
| Code   | Specif.    | pcs/box | pcs/ctn. | D  | L    | L1 |
|--------|------------|---------|----------|----|------|----|
| 049728 | F20-L16x16 | 180     | 1080     | 16 | 28   | 16 |
| 041831 | F20-L20x20 | 100     | 600      | 20 | 33   | 20 |
| 041683 | F20-L25x25 | 55      | 330      | 25 | 41   | 25 |
| 049729 | F20-L32x32 | 50      | 400      | 32 | 50.5 | 32 |
| 035047 | F20-L40x40 | 24      | 192      | 40 | 54   | 32 |
| 048712 | F20-L50x50 | 18      | 144      | 50 | 60   | 32 |

Long radius bend



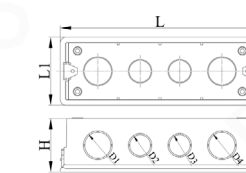
| Code   | Specif.     | pcs/box | pcs/ctn. | D  | L    | L1 |
|--------|-------------|---------|----------|----|------|----|
| 041832 | F20-DL16x16 | 140     | 840      | 16 | 43.3 | 16 |
| 041833 | F20-DL20x20 | 70      | 420      | 20 | 50   | 20 |
| 041685 | F20-DL25x25 | 85      | 680      | 25 | 60   | 25 |
| 049732 | F20-DL32x32 | 30      | 240      | 32 | 78.7 | 32 |
| 035049 | F20-DL40x40 | 15      | 120      | 40 | 91   | 32 |
| 049733 | F20-DL50x50 | 11      | 88       | 50 | 91   | 32 |

Super long radius bend



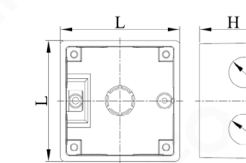
| Code   | Specif.     | pcs/ctn. | D  | L     | L1 |
|--------|-------------|----------|----|-------|----|
| 025143 | F20-DL20x20 | 120      | 20 | 139.5 | 20 |

118 PVC concealed box



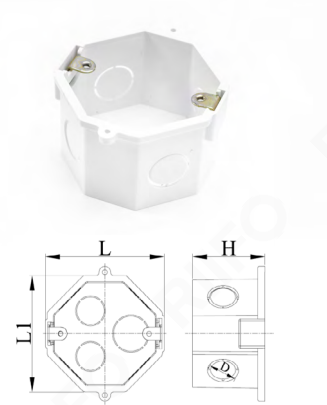
| Code   | Specif.                  | pcs/ctn. | H  | L     | L1   | D1 | D2 | D3 | D4 |
|--------|--------------------------|----------|----|-------|------|----|----|----|----|
| 010459 | F20-106x61x50 II Φ20Φ25  | 100      | 50 | 108   | 63.5 | 20 | 25 |    |    |
| 010460 | F20-143x61x50 II Φ20Φ25  | 50       | 50 | 145   | 63.5 | 20 | 25 | 20 |    |
| 010461 | F20-184x61x50 II Φ20Φ25  | 30       | 50 | 186   | 63.5 | 25 | 20 | 20 | 25 |
| 041840 | F20-100x61x50 III Φ20Φ25 | 60       | 50 | 99.6  | 61   | 20 | 25 |    |    |
| 016640 | F20-136x61x50 III Φ20Φ25 | 45       | 50 | 135.6 | 61   | 20 | 25 | 20 |    |
| 016641 | F20-177x61x50 III Φ20Φ25 | 30       | 50 | 177.1 | 61   | 25 | 20 | 20 | 25 |

Surface installation gang box



| Code   | Specif.      | pcs/ctn. | H  | L  | D1 | D2 |
|--------|--------------|----------|----|----|----|----|
| 041839 | F20-86x86x40 | 120      | 40 | 86 | 25 | 20 |

Octagonal box



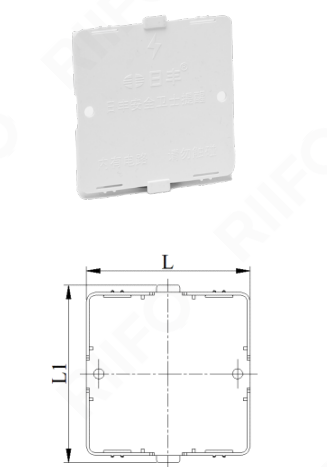
| Code   | Specif.                | pcs/ctn. | H    | L    | L1 | D |
|--------|------------------------|----------|------|------|----|---|
| 049718 | F20-77x77x50 II Φ20 60 | 50       | 82.1 | 79.6 | 20 |   |
| 049719 | F20-77x77x60 II Φ20 40 | 60       | 82.1 | 79.6 | 20 |   |
| 049720 | F20-77x77x70 II Φ20 40 | 70       | 82.1 | 79.6 | 20 |   |

Concealed gang box



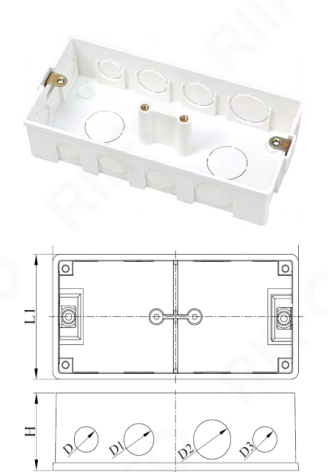
| Code   | Specif.                      | pcs/ctn. | H  | L    | L1 | D  |
|--------|------------------------------|----------|----|------|----|----|
| 033550 | F20-77x77x70 II Φ20Φ25       | 150      | 70 | 81   | 20 | 25 |
| 041841 | F20-77x77x70 II Φ20          | 40       | 70 | 81   | 20 | 20 |
| 041980 | F20-77x77x70 II Φ25          | 150      | 70 | 81   | 25 | 25 |
| 019878 | F20-77x77x70 I Φ20           | 40       | 70 | 80.6 | 20 | 20 |
| 042044 | F20-77x77x60 II Φ25          | 180      | 60 | 81   | 25 | 25 |
| 019869 | F20-77x77x60 II Φ20          | 180      | 60 | 81   | 20 | 20 |
| 033549 | F20-77x77x60 II Φ20Φ25       | 180      | 60 | 81   | 20 | 25 |
| 019872 | F20-77x77x60 I Φ20           | 40       | 60 | 80.6 | 20 | 20 |
| 019534 | F20-77x77x50 III Φ20         | 60       | 50 | 80   | 20 | 20 |
| 043669 | F20-77x77x50 III Φ20(Simple) | 60       | 50 | 79   | 20 | 20 |
| 041845 | F20-77x77x50 II Φ20          | 60       | 50 | 79.4 | 20 | 20 |
| 010452 | F20-77x77x50 I Φ20           | 60       | 50 | 80.6 | 20 | 20 |
| 041846 | F20-77x77x38 II Φ20          | 80       | 38 | 79.4 | 20 | 20 |
| 010451 | F20-77x77x38 I Φ20           | 60       | 38 | 80.6 | 20 | 20 |

Square lid cover



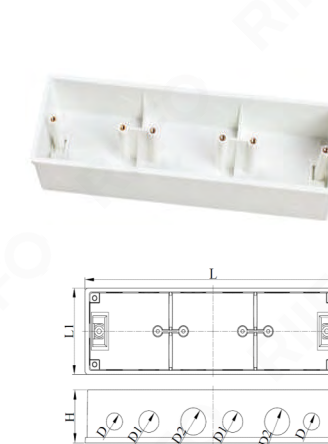
| Code   | Specif.      | pcs/ctn. | L    | L1 |
|--------|--------------|----------|------|----|
| 041847 | F20-77x77    | 540      | 70.7 | 77 |
| 033616 | F20-77x77 II | 540      | 70.7 | 77 |

Concealed gang box(double line)



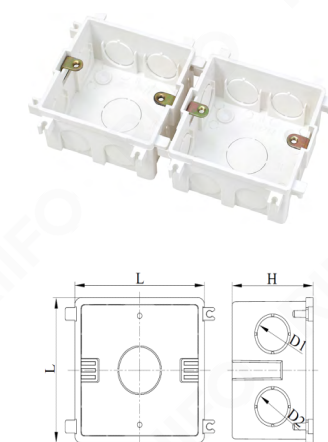
| Code   | Specif.                     | pcs/ctn. | H  | L     | L1   | D  | D1 | D2 | D3 |
|--------|-----------------------------|----------|----|-------|------|----|----|----|----|
| 017295 | F20-164x77x50 III Φ16Φ20Φ25 | 55       | 38 | 166.5 | 80   | 16 | 20 | 20 | 25 |
| 010468 | F20-164x77x50 II Φ16Φ20Φ25  | 55       | 50 | 166.4 | 79.4 | 16 | 20 | 20 | 25 |
| 010454 | F20-164x77x50 I Φ16Φ20Φ25   | 55       | 50 | 167.6 | 80.6 | 16 | 20 | 25 |    |
| 010467 | F20-164x77x38 II Φ16Φ20Φ25  | 30       | 38 | 166.4 | 79.4 | 16 | 20 | 20 | 25 |
| 049716 | F20-164x77x38 I Φ16Φ20Φ25   | 70       | 38 | 167.6 | 80.6 | 16 | 20 | 25 |    |

Concealed gang box(three line)



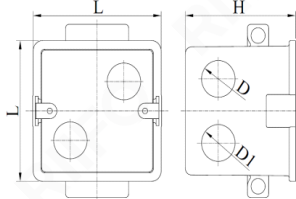
| Code   | Specif.                   | pcs/ctn. | H  | L     | L1   | D  | D1 | D2 |
|--------|---------------------------|----------|----|-------|------|----|----|----|
| 049717 | F20-255x77x50 I Φ16Φ20Φ25 | 30       | 50 | 259.4 | 81.4 | 16 | 20 | 25 |

Snap concealed gang box



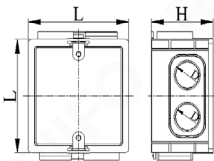
| Code   | Specif.                      | pcs/ctn. | H  | L    | L1 | D  |
|--------|------------------------------|----------|----|------|----|----|
| 039626 | F20-77x77x70 II Φ20          | 120      | 70 | 80.5 | 20 | 20 |
| 039625 | F20-77x77x60 II Φ20          | 144      | 60 | 80.5 | 20 | 20 |
| 017662 | F20-77x77x50 III Φ20         | 60       | 50 | 80   | 20 | 20 |
| 048302 | F20-77x77x50 III Φ20(Simple) | 60       | 50 | 79   | 20 | 20 |
| 049752 | F20-77x77x50 II Φ20          | 60       | 50 | 79.4 | 20 | 20 |
| 043674 | F20-77x77x50 II Φ20(Simple)  | 60       | 50 | 81.5 | 20 | 20 |
| 010471 | F20-77x77x50 II Φ20Φ25       | 60       | 50 | 79.4 | 20 | 25 |
| 010458 | F20-77x77x50 I Φ20           | 60       | 50 | 81   | 20 | 20 |
| 041844 | F20-77x77x38 II Φ20          | 80       | 38 | 79.4 | 20 | 20 |

Concealed gang box(through the rebar)



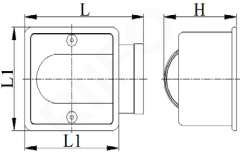
| Code   | Specif.                | pcs/ctn. | H  | L    | D  | D1 |
|--------|------------------------|----------|----|------|----|----|
| 039001 | F20-77x77x70 III Φ20   | 120      | 70 | 82.5 | 20 | 20 |
| 039002 | F20-77x77x70 III Φ25   | 120      | 70 | 82.5 | 25 | 25 |
| 041843 | F20-77x77x70 II Φ25    | 120      | 70 | 81   | 25 | 25 |
| 020382 | F20-77x77x70 II Φ20    | 120      | 70 | 81   | 20 | 20 |
| 041842 | F20-77x77x70 II Φ20Φ25 | 120      | 70 | 81   | 20 | 25 |

Multifunction Gang Box



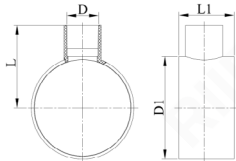
| Code   | Specif.             | pcs/ctn. | H  | L    | D  |
|--------|---------------------|----------|----|------|----|
| 025704 | F20-77x77x50 II Φ20 | 60       | 50 | 81.6 | 20 |
| 031794 | F20-77x77x38 II Φ20 | 80       | 38 | 81.6 | 20 |

Audio Cable Boxes



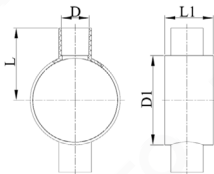
| Code   | Specif.        | pcs/ctn. | H  | L   | L1 |
|--------|----------------|----------|----|-----|----|
| 022897 | F20-77x77x50 I | 160      | 58 | 103 | 78 |

One way round junction box



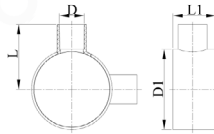
| Code   | Specif.      | pcs/ctn. | D  | D1 | L1 | L    |
|--------|--------------|----------|----|----|----|------|
| 010291 | F20-65x35Φ16 | 315      | 16 | 65 | 35 | 48   |
| 041848 | F20-65x35Φ20 | 315      | 20 | 65 | 35 | 52.5 |
| 041849 | F20-65x35Φ25 | 315      | 25 | 65 | 35 | 57.5 |
| 010294 | F20-65x65Φ16 | 200      | 16 | 65 | 65 | 48   |
| 049738 | F20-65x65Φ20 | 180      | 20 | 65 | 65 | 52.5 |
| 049739 | F20-65x65Φ25 | 150      | 25 | 65 | 65 | 57.5 |

Two way through round junction box



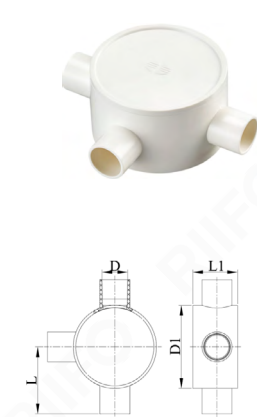
| Code   | Specif.      | pcs/ctn. | D  | D1 | L1 | L    |
|--------|--------------|----------|----|----|----|------|
| 019914 | F20-65x35Φ16 | 378      | 16 | 65 | 35 | 48   |
| 041850 | F20-65x35Φ20 | 378      | 20 | 65 | 35 | 52.5 |
| 041851 | F20-65x35Φ25 | 288      | 25 | 65 | 35 | 57.5 |
| 019908 | F20-65x65Φ16 | 175      | 16 | 65 | 65 | 96   |
| 010319 | F20-65x65Φ20 | 175      | 20 | 65 | 65 | 105  |
| 019911 | F20-65x65Φ25 | 150      | 25 | 65 | 65 | 115  |

Two way angle round junction box



| Code   | Specif.      | pcs/ctn. | D  | D1 | L1 | L    |
|--------|--------------|----------|----|----|----|------|
| 010315 | F20-65x35Φ16 | 378      | 16 | 65 | 35 | 48   |
| 041852 | F20-65x35Φ20 | 315      | 20 | 65 | 35 | 52.5 |
| 041853 | F20-65x35Φ25 | 315      | 25 | 65 | 35 | 57.5 |
| 019558 | F20-65x65Φ16 | 175      | 16 | 65 | 65 | 48   |
| 049740 | F20-65x65Φ20 | 175      | 20 | 65 | 65 | 52.5 |
| 049741 | F20-65x65Φ25 | 315      | 25 | 65 | 65 | 57.5 |

Three way round junction box



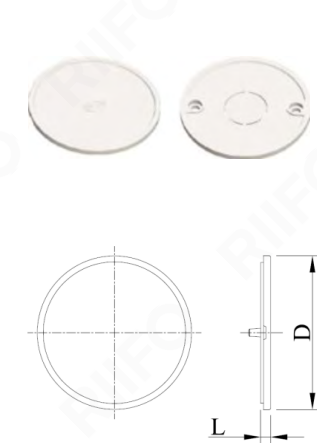
| Code   | Specif.      | pcs/ctn. | D  | D1 | L1 | L    |
|--------|--------------|----------|----|----|----|------|
| 010378 | F20-65x35Φ16 | 315      | 16 | 65 | 35 | 48   |
| 041686 | F20-65x35Φ20 | 261      | 20 | 65 | 35 | 52.5 |
| 041687 | F20-65x35Φ25 | 216      | 25 | 65 | 35 | 57.5 |
| 019899 | F20-65x65Φ16 | 175      | 16 | 65 | 65 | 96   |
| 049742 | F20-65x65Φ20 | 150      | 20 | 65 | 65 | 105  |
| 049743 | F20-65x65Φ25 | 144      | 25 | 65 | 65 | 115  |

Four way through round junction box



| Code   | Specif.      | pcs/ctn. | D  | D1 | L1 | L    |
|--------|--------------|----------|----|----|----|------|
| 010410 | F20-65x35Φ16 | 315      | 16 | 65 | 35 | 48   |
| 041854 | F20-65x35Φ20 | 261      | 20 | 65 | 35 | 52.5 |
| 041855 | F20-65x35Φ25 | 216      | 25 | 65 | 35 | 57.5 |
| 019920 | F20-65x65Φ16 | 175      | 16 | 65 | 65 | 96   |
| 049744 | F20-65x65Φ20 | 150      | 20 | 65 | 65 | 105  |
| 049745 | F20-65x65Φ25 | 120      | 25 | 65 | 65 | 115  |

Lid cover



| Code   | Specif.    | pcs/box | pcs/ctn. | L   | D  |
|--------|------------|---------|----------|-----|----|
| 049746 | F20-D65 II | 400     | 2400     | 4.7 | 65 |
| 019896 | F20-D65    |         | 800      | 8   | 65 |

Pipe cutter



| Code   | Specif. | pcs/ctn. |
|--------|---------|----------|
| 044118 | GJ IV   | 40       |

PVC adhesive



| Code   | Specif.            | pcs/ctn. |
|--------|--------------------|----------|
| 017289 | PVC adhesive 100ML | 24       |
| 022744 | PVC adhesive 250ML | 24       |
| 024336 | PVC adhesive 500ML | 12       |

Row clip



| Code   | Specif. | pcs/box | pcs/ctn. |
|--------|---------|---------|----------|
| 050922 | F20-D16 | 100     | 600      |
| 049751 | F20-D20 | 60      | 360      |

Bending spring



| Code   | Specif.   | pcs/ctn. |
|--------|-----------|----------|
| 015830 | WH205-D16 | 80       |
| 015831 | WH205-D20 | 50       |
| 015832 | WH205-D25 | 30       |
| 015833 | WH205-D32 | 18       |
| 015834 | WH305-D16 | 80       |
| 050924 | WH305-D20 | 50       |
| 050925 | WH305-D25 | 30       |
| 050926 | WH305-D32 | 18       |
| 015838 | WH405-D16 | 80       |
| 015839 | WH405-D20 | 50       |
| 015840 | WH405-D25 | 30       |
| 015841 | WH405-D32 | 18       |



## Installation of fitting



### STEP 1: Measuring

Wipe the surface of pipe and fitting to keep clean.  
Measure the installation depth of pipe and fitting.



### STEP 2: Marking

Mark down the depth of installation.  
Measure the installation depth of pipe and fitting.



### STEP 3: Applying PVC glue

Apply the pipe and fitting evenly with PVC glue.



### STEP 4: Connection

After the pipe and fitting are coated with glue,  
insert them quickly, and rotate them to distribute  
the glue evenly to ensure a firm connection.  
After the installation is complete, wipe the  
overflowing glue.

Installation of gang box



STEP 1: Insert and tighten

Insert terminal adapter into the gang box and then tighten.



STEP 2: Measuring

Wipe the surface of pipe and fitting to keep clean. Measure the installation depth of pipe and fitting.



STEP 3: Marking

Mark down the depth of installation.



STEP 4: Applying PVC glue

Apply the pipe and fitting evenly with PVC glue.



STEP 5: Connection

After the pipe and fitting are coated with glue, insert them quickly, and rotate them to distribute the glue evenly to ensure a firm connection. After the installation is complete, wipe the overflowing glue.

PACKAGING



Marking

The pipe shall have a readable and permanent marking, the interval shall be no more than 1m. The marking information shall include trade name, material, dimension, operating pressure, standard and production date.

For example

**RIIFO** HIGH IMPACT CONDUIT outer diameter x wall thickness (e.g. 20\*1.5mm) IEC 61386-21 332112 production date, batch No.001m

Package

PVC conduit pipes- Bag

PVC conduit fittings-Carton

|       |  |       |  |
|-------|--|-------|--|
| RIIFO |  | RIIFO |  |
| RIIFO |  | RIIFO |  |
| RIIFO |  | RIIFO |  |
| RIIFO |  | RIIFO |  |