Indoor and outdoor ALL resin made
PLAFLEKY
exposed piping system
Outdoor exposed piping to **effortlessly!**

The industry's highest level 30 years worth of weather resistance*
Excellent waterproof joint (IPX5 equivalent)
Not rust as made of resin

*PFD high quality black only. Toughst, PFD other lineup is equivalent to 20 years

---

**Carrying**

Light weight to carry

- E pipe19 : 530g/m
- Toughst16 : 157g/m
- PFD16 : 175g/m

---

**Connection**

One touch connection possible

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**Parts**

Parts are common with PFS

No need to select components for each pipe

---

**Processing**

Easy cutting and bending
- [cutting] easy to cut with a knife
- [bending] can be bent by hand without tools

---

**Piping**

Can be bent at right angles

---

Easy points compared to steel pipe

---

Easy connection to metal box

---

Universal box

---

Metal Box Adapter
Furukawa Electric PLAFLEKY have been used everywhere.

- Plafleky Toughst
- Weatherproof Slitfleky
- Drain hole cover
- DCclip
- Connector
- Plachan

Straight!!

Slits can make work easier!!

Bends well!!
Waterproof coupling

Universal box

Switch box

Excellent weather resistance!!

Round box coming soon!!

Excellent workability!

Can be loaded on vans and elevators!!

Easy to transport!!

No rust even in sea water!

Saddle with Saddlebase

P clip

Metal box adapter

Saddle with Saddlebase

Switch box

Universal box

Easy to transport!!
Features of each product

**Features of PLAFLEKY TOUGHST**

- Tough pipe equivalent or superior to steel pipe.
- Straight pipes that can be bent.
- 2.5m straight pipe packaged in a box, which can be loaded in vans or elevators.

**PLAFLEKY TOUGHST**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Item No.</th>
<th>Length (m)</th>
<th>Weight/piece (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFT-16</td>
<td>PFTI-16</td>
<td>2.5</td>
<td>0.4</td>
</tr>
<tr>
<td>PFT-22</td>
<td>PFTI-22</td>
<td>2.5</td>
<td>0.55</td>
</tr>
<tr>
<td>PFT-28</td>
<td>PFTI-28</td>
<td>2.5</td>
<td>0.75</td>
</tr>
<tr>
<td>PFT-36</td>
<td>PFTI-36</td>
<td>2.5</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**Construction example of PLAFLEKY TOUGHST**

Easy installation at the ceiling due to its light weight.

Straight conduits allowing neat installation.

**Features of PLAFLEKY TOUGHST L**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Item No.</th>
<th>Length (m)</th>
<th>Weight/piece (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFTL-42</td>
<td>PFTLI-42</td>
<td>2.5</td>
<td>1.4</td>
</tr>
<tr>
<td>PFTL-54</td>
<td>PFTLI-54</td>
<td>2.5</td>
<td>1.75</td>
</tr>
</tbody>
</table>

**Features of PLAFLEKY PFD**

- The minimum bending radius is 3DR (size 42.54) (Conventional products are 6DR)
- 2 new sizes available for larger cables.

**PLAFLEKY PFD**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Item No.</th>
<th>Length (m)</th>
<th>Weight/roll (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFD-42</td>
<td>PFDI-42</td>
<td>10</td>
<td>5.0</td>
</tr>
<tr>
<td>PFD-54</td>
<td>PFDI-54</td>
<td>10</td>
<td>6.2</td>
</tr>
</tbody>
</table>

**Construction example of PLAFLEKY PFD**

Easy installation at limited spaces where bends are required, due to its flexibility.

Suitable for connecting apparatus to solar power equipment requiring weather resistance.
## Introduction of new products

### Plachan
An innovative polymer made channel, to fix conduits.

- **NEW**

### Universal box
Making right angled connection of conduits possible at walls and beam parts.

- **NEW**

### Metal box adapter
Allows easy connection to the hub of Exposed Metal box.

- **NEW**

### Exposed switch box

- **NEW**

---

## Combination of parts, allowing adjustable length.

---

## Fixes the conduit, allowing both hands available to work.

---

## Easy extension due to its joint system.

---

## Clips can be semi-fixed to allow easy installation.

---

### Color Item No. | L (mm) | H (mm) | W1 (mm) | W2 (mm)
---|---|---|---|---
Gray | PF-D1CH | 100 | 30 | 40 | 20
Ivory | PF-D1CH-I | |

*Hanging use prohibited. Rack support use prohibited.*

---

### Color Item No. | Suitable | W (mm) | L (mm) | H (mm)
---|---|---|---|---
Gray | PFS-22UBX | PFS-16KLR | 49 | 100 | 46
Gray | PFS-28UBX | PFS-28KLR | 63 | 120 | 55
Gray | PFS-22UBX-I | PFS-16KLR-I | 49 | 100 | 46
Gray | PFS-28UBX-I | PFS-28KLR-I | 63 | 120 | 55
Ivory | |

*Can also be used for 45 degrees Connector and bending connectors.*

---

### Color Item No. | Suitable | L (mm) | L3 (mm) | φA (mm)
---|---|---|---|---
Gray | PFS-16EHA | PFT-16E19 | 72 | 37 | 19.1
Gray | PFS-22EHA | PFT-22E25 | 82 | 39 | 25.4
Ivory | PFS-16EHA-I | PFT-16E19-I | 72 | 37 | 19.1
Ivory | PFS-22EHA-I | PFT-22E25-I | 82 | 39 | 25.4

*The adopter fits for PLAFLEKY PFD/PFS series.*

---

### Color Item No. | Suitable | W (mm) | L (mm) | H (mm)
---|---|---|---|---
Gray | SW150X | PFS-16KLR | 74 | 119 | 50
Gray | SW250X | PFS-22KLR | 120 | 119 | 50
Ivory | SW150X-I | PFS-16KLR-I | 74 | 119 | 50
Ivory | SW250X-I | PFS-22KLR-I | 120 | 119 | 50

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