EFLEX Square Duct

An innovative solution for installing multiple cables in limited spaces

Square shaped Cable Duct for multiple cable laying
In compliance with JIS C3653-3 SELF-EXTINGUISHABLE FLAME RETARDANT PIPE

1. Stable and Easy to Stack
2. Simple & Fast Installation
3. Less Trench & No Pipe Pillow Required
4. Easy to Bend

EFLEX Square Duct : Size and Dimension

<table>
<thead>
<tr>
<th>Series</th>
<th>A: Outer Dimension (mm)</th>
<th>B: Inner Diameter (mm)</th>
<th>Total Length (mm)</th>
<th>Effective Length (mm)</th>
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<tbody>
<tr>
<td>50</td>
<td>73</td>
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<td>5,300</td>
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<td>184</td>
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Flexible Rubber Seal Stopper (Ring) Adapter Free Connection

For Underground Cable Installation
In Tunnels
In Factories

Stable
With Ease
Fast
Rigid
Compact
Flexible

In Factories

In Tunnels

In Factories
EFLEX Square Duct : System & Accessories

AQUA-Square

Joint used in intervals (after cutting EFLEX Square Duct)

Features

- Easy Joining Mechanism
  Non-woven, water-expansion cloth used (no rubber seals). EFLEX Square Duct can be inserted using little force.
- Clear Cutting Position
  Cutting Guides on the tube for easy cutting.
- No Tools Required
  Easy to join by hand.

Cut in between the ridges

Guides allow easy cutting

1) Cut the pipe

2) Insert the pipe into AQUA-Square

3) Insert the One-Touch Rings

4) Join completed
**AQUA-Square Male Adaptor**

Adaptor used when converting the intermediate part of the pipe to male structure, and to insert it to the female structured part. (eg. Adjustment of pipe lengths, utilizing pipe ends etc.)

**Male to Male Adaptor**

Adaptor for converting the female end to male structure. Used when connecting female-female end, or when connecting the female end to the Long Bell Mouth.

**Adaptor for Joining Other Types of Pipe Conduits**

Adaptor used for connecting male end to dissimilar tubes. (Used together with Flame Retardant EFLEX parts)

**Long Bell Mouth**

Used when connecting to handhole. (3 types available depending on wall thickness)

**Bell Block**

Used when connecting to handhole. Made of Resin concrete. Available in 1, 2, 3, 4, 6 and 9 way profiles.
Installation Method (Outline)

Insert the male end of the EFLEX Square Duct to either the Long Bell Mouth or Bell Block, from the bottom layer.

When the length in between the pipes from both ends of the handholes is shorter than the fixed pipe length, adjust to the required length, by using AQUA-Square.

Please refer to the Installation manual for details.

FURUKAWA ELECTRIC CO., LTD.  https://www.furukawa.co.jp/eflex/english/

HEAD OFFICE
Marunouchi Nakadori Bldg., 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322, Japan
Phone: +81-3-3286-3443  Fax: +81-3-3286-3965
e-mail: fec.kanno-global@furukawaelectric.com

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