JOINT COVERS FOR EXPANSION JOINTS IN WALL AND FLOOR AREAS

FOR AGGRESSIVE MEDIA/IN HYGIENIC AREAS/
FOR REFURBISHMENT AND DRY-WALLING/AS FIELD LIMITATIONS
YOU FIRST.

MIGUA is one of Europe’s leading experts in the design, manufacture and installation of expansion joint systems. MIGUA expansion joint systems serve to cover, close and seal expansion joints. Our products satisfy the most rigorous standards in quality and safety and are widely used in large-scale construction projects such as airports, train stations, industrial plants, parking structures, shopping centres and hospitals. Every day, our experienced team do their utmost to ensure that our outstanding product quality and innovative approach make your building project successful. We are not satisfied until you are satisfied. Because our guiding principle is:

MIGUA – you first.

Over 600 products for one purpose:
Yours

With five brands and a total of over 600 proven expansion joint systems, we’ve got the diverse structural needs of today’s construction projects covered. We confront problems such as heavy traffic loads and meet exacting standards in water resistance or hygiene. Floors, walls or roofs, MIGUA offers the perfect solution for any surface. Products of the highest quality are fundamental to our business; yet our ultimate priority is always customer satisfaction.
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WITH MIGUTEC, MIGUA OFFERS A COMPREHENSIVE RANGE OF JOINT COVERS AND SYSTEMS FOR EXPANSION JOINTS.

Our MIGUTEC range covers a wide selection of joint covers for simple applications which also have high architectural requirements. We have divided our MIGUTEC catalogue in application areas to make it easier for you to find what you are looking for.

Our floor expansion joint covers are available with a variety of inserts and in various standard colours. On request, we will manufacture a special colour according to your requirements.

Brackets are made from a high-quality aluminium alloy in order to offer you a durable expansion joint cover even with low wall thicknesses. In addition, some of our joint covers also have stainless steel brackets in order offering a solution suitable for use where they may be subject to aggressive media loads.

Smooth inserts are suitable covers for the hygienic areas in hospitals, kitchens and swimming pools.

For the purpose of refurbishment, renovation and modernisation, the MIGUTEC range also contains expansion joint covers suitable for retrofitting.

Our wall and ceiling joint covers are offered with inserts, but also with a metal surface and a clip construction for simple installation.

Specifications regarding the load capacity

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The load specifications of air-filled and solid plastic tyre trucks apply to a wheel contact patch of 200 x 200 mm.

Note regarding installation

Assembly and installation instructions are available on request. Please feel free to contact us.

Alternatively, information can be downloaded from our website at www.migua.com

We reserve the right to make technical changes.

If you have any questions about our products, we would be happy to help.

+ 49 2058 774 0 or info@migua.de
Expansion joint covers for floors

Aluminium brackets in conjunction with an elastic insert made of quality Synca. Inserts are available in many colours and types. The inserts are optimised for connection to carpet or plastic surfaces. Some of the expansion joint covers are available with stainless steel or brass caps. This type of joint is frequently used in screed in combination with tiles and various coverings such as carpet or plastic flooring.

Expansion joint covers for aggressive media

Stainless steel brackets made from various alloys (1.4301 and 1.4541), for various loads, combined with inserts for various movements thus ensuring good durability with regard to aggressive media. We would be happy to examine the suitability for your needs based on the type and concentration of the media used. Please contact us.

Expansion joint covers for hygienic areas

Various smooth inserts in combination with a variety of different brackets made from aluminium or stainless steel. The smooth inserts have been designed specifically for hygienic areas in hospitals, kitchens and swimming pools and are both anti-bacterial and physiologically safe.

Expansion joint covers for refurbishment, renovation and modernisation

Brackets for affixing to the surface, for subsequent installation, form the basis for this area of use. Inserts made from quality Synca. Inserts are available in many colours and types. Some expansion joint cover types are also available with inserts for connection to carpet or plastic floorings.

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Expansion joint covers for field limitations / control joints

In order to counteract tension in the upper floor, it is necessary to divide the floor into fields. Field limitations / shrinkage joints can be used to reduce these tensions. MIGUA offers expansion joint covers constructions designed specifically for this application. They meet both the optical and functional requirements of the task.

Wall and ceiling joints

MIGUA expansion joint covers for walls and ceilings include a variety of different covers for areas with plaster, tiles, dry-wall, cement, suspended ceilings and facades. Some of the covers are made up of aluminium brackets with elastic inserts. In addition, MIGUA also offers further joints with metal, plastic or Snyca covers.
FL 21
FOR FLOORS AND WALLS.

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. **Flexible high quality elastomeric insert**  
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Multi directional movement**  
   Quick and easy installation

3. **Solid, but light aluminium brackets for quick installation**  
   in screed or tiled floorings

4. **MultiHole mounting bracket**  
   for secure fixing

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Load bearing capacity</th>
<th>Load bearing capacity*</th>
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<tr>
<td></td>
<td>$b_f \text{ max}$ [mm]</td>
<td>$\Delta b_f$ [mm]</td>
<td>$b_s$ [mm]</td>
<td>$b_t$ [mm]</td>
<td>$h$ [mm]</td>
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</table>

* no continuous use

All information on load bearing capacity does only apply to non-floating floors.

For installation in asphalt, please ask for our technical advice.

**Production length:** 4 m  
**Standard colors:** black, grey
Expansion joint cover | Joint width | Total movement | Visible width | Joint width total | Joint height for coverings | for coverings thickness [mm] | Load bearing capacity [kN] | Load bearing capacity* [kN]
---|---|---|---|---|---|---|---|---
FLK 21/20 | 20 | 5(+3/-2) | 17 | 80 | 20 | 3 | 30 | 30
FLK 21/35 | 20 | 5(+3/-2) | 17 | 107 | 35 | 3 | 30 | 30
FLK 21/50 | 20 | 5(+3/-2) | 17 | 107 | 50 | 3 | 30 | 30

* no continuous use

All info on load capacities apply to doweled, not to floating installation.

For installation in asphalt, please ask for our technical advice.

Expansion joint covers of series FLK 21 are supplied with flush mounted distance insert of FL 21. The top edge of the aluminium joint cover can be used as a screeding guide. The distance insert protects the expansion joint cover until covering is laid. This method avoids damage of joint cover caused by site traffic.

**Production length:** 4 m

**Standard colour:** Grey
**FLT 21**
FOR FLOORS WITH CARPET

1. **Flexible high quality elastomeric insert**
   - Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Multi directional movement**

3. **Quick and easy installation**
   - Solid, but light aluminium brackets for quick installation in floorings with carpet or rubber coverings (insert with 5 mm upstand, weldable)

4. **MultiHole mounting bracket**
   - for secure fixing

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### Joint Cover Specifications

<table>
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<tr>
<th>Expansion joint cover</th>
<th>Joint width $b_f$ max [mm]</th>
<th>Total movement $\Delta b_f$ [mm]</th>
<th>Visible width $b_s$ [mm]</th>
<th>Joint width total $b_t$ [mm]</th>
<th>Joint height $h$ [mm]</th>
<th>for coverings thickness [mm]</th>
<th>Load bearing capacity $F_{\text{max}}$ [kN]</th>
<th>Load bearing capacity $F_{\text{max}}^*$ [kN]</th>
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* no continuous use

All information on load bearing capacity does only apply to non-floating floors.

For installation in asphalt, please ask for our technical advice.

Expansion joint covers of series FLT 21 are supplied with flush mounted distance insert of FL 21. The top edge of the aluminium joint cover can be used as a screeding guide. The distance insert protects the joint cover until covering is laid. This method avoids damage caused by site traffic.

**Production length:** 4 m

**Standard colors:** black, grey
**FV 35**
FOR FLOORS AND WALLS

**MIGUTEC**
JOINT COVERS FOR EXPANSION JOINTS

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Multi directional movement**

3. **Quick and easy installation**
   Solid, but light aluminium brackets for quick installation in screed or tiled floorings

4. **MultiHole mounting bracket**
   for secure fixing

**Flexible adaptation to site conditions**
Available with adjustable installation height

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<th>Joint width</th>
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* no continuous use

All info on load capacities apply to doweled, not to floating installation.
For installation in asphalt, please ask for our technical advice.

**Production length:** 4 m

**Standard colors:** black, grey, beige, brown

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**Diagram:**

- b_{fs}:
- b_{lt}:
- h:
**FV 41**
FOR FLOORS AND WALLS

**MIGUTEC**
JOINT COVERS FOR EXPANSION JOINTS

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Multi directional movement**

3. **Quick and easy installation**
   Solid, but light aluminium brackets for quick installation in screed or tiled floorings

4. **Flexible adaptation to site conditions**
   Available with adjustable installation height

5. **MultiHole mounting bracket**
   for secure fixing

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All info on load capacities apply to doweled, not to floating installation.
For installation in asphalt, please ask for our technical advice.

**Production length:** 4 m
**Standard colors:** black, grey, beige
**MIGUTEC**

**JOINT COVERS FOR EXPANSION JOINTS**

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Multi directional movement**

3. **Quick and easy installation**
   Solid, but light aluminium brackets for quick installation in floorings with PVC or linoleum coverings (insert with 3 mm upstand, weldable with PVC)

4. **MultiHole mounting bracket**
   for secure fixing

5. **Flexible adaptation to site conditions**
   Available with adjustable installation height

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**Expansion joint cover**

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<td>30</td>
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<tr>
<td>FK 35/20</td>
<td>30</td>
<td>10 (± 5)</td>
<td>30</td>
<td>108</td>
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<td>30</td>
</tr>
<tr>
<td>FK 35/25</td>
<td>30</td>
<td>10 (± 5)</td>
<td>30</td>
<td>108</td>
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<td>30</td>
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<tr>
<td>FK 35/35</td>
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<td>30</td>
<td>125</td>
<td>35</td>
<td>3</td>
<td>30</td>
</tr>
<tr>
<td>FK 35/50</td>
<td>30</td>
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<td>30</td>
<td>125</td>
<td>50</td>
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<td>30</td>
</tr>
<tr>
<td>FK 35/4055</td>
<td>30</td>
<td>10 (± 5)</td>
<td>30</td>
<td>108</td>
<td>40, 45, 50, 55</td>
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<td>FK 35/6075</td>
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<tr>
<td>FK 35/7590</td>
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<td>30</td>
<td>108</td>
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</tr>
<tr>
<td>FK 35/90105</td>
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<td>10 (± 5)</td>
<td>30</td>
<td>108</td>
<td>90, 95, 100, 105</td>
<td>3</td>
<td>30</td>
</tr>
</tbody>
</table>

* no continuous use

All info on load capacities apply to doweled, not to floating installation.

For installation in asphalt, please ask for our technical advice.

Expansion joints covers of series FT 35 are supplied with flush mounted distance insert of FV 35. The top edge of the aluminium joint can be used as a screeding guide. The distance insert protects the expansion joint covers until covering is laid. This method avoids damage of profile caused by site traffic.

**Production length:** 6 m

**Standard colors:** black, grey, beige, brown
# FT 35
FOR FLOORS WITH CARPET

## MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

### 1. Flexible high quality elastomeric insert
Hard wearing, temperature resistant (-30°C to +120°C), replaceable

### 2. Quick and easy installation
Solid, but light aluminium brackets for quick installation in floorings with PVC or linoleum coverings (insert with 3 mm upstand, weldable)

### 3. Multi directional movement
MultiHole mounting bracket for secure fixing

### 4. Flexible adaptation to site conditions
Available with adjustable installation height

---

### Expansion joint cover specifications

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width (mm)</th>
<th>Joint width total (mm)</th>
<th>Joint height (mm)</th>
<th>for coverings (mm)</th>
<th>Load bearing capacity (kN)</th>
<th>Load bearing capacity* (kN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FT 35/15</td>
<td>30</td>
<td>10 (± 5)</td>
<td>30</td>
<td>108</td>
<td>15</td>
<td>5</td>
</tr>
<tr>
<td>FT 35/20</td>
<td>30</td>
<td>10 (± 5)</td>
<td>30</td>
<td>108</td>
<td>20</td>
<td>5</td>
</tr>
<tr>
<td>FT 35/25</td>
<td>30</td>
<td>10 (± 5)</td>
<td>30</td>
<td>108</td>
<td>25</td>
<td>5</td>
</tr>
<tr>
<td>FT 35/35</td>
<td>30</td>
<td>10 (± 5)</td>
<td>30</td>
<td>125</td>
<td>35</td>
<td>5</td>
</tr>
<tr>
<td>FT 35/40/55</td>
<td>30</td>
<td>10 (± 5)</td>
<td>30</td>
<td>125</td>
<td>50</td>
<td>5</td>
</tr>
<tr>
<td>FT 35/40/75</td>
<td>30</td>
<td>10 (± 5)</td>
<td>30</td>
<td>125</td>
<td>60, 65, 70, 75</td>
<td>5</td>
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<tr>
<td>FT 35/60/75</td>
<td>30</td>
<td>10 (± 5)</td>
<td>30</td>
<td>125</td>
<td>60, 65, 70, 75</td>
<td>5</td>
</tr>
<tr>
<td>FT 35/60/95</td>
<td>30</td>
<td>10 (± 5)</td>
<td>30</td>
<td>125</td>
<td>90, 95, 100, 105</td>
<td>5</td>
</tr>
</tbody>
</table>

* no continuous use

All info on load capacities apply to doweled, not to floating installation.

For installation in asphalt, please ask for our technical advice.

Expansion joint covers of series FT 35 are supplied with flush mounted distance insert of FV 35. The top edge of the aluminium joint cover can be used as a screeding guide. The distance insert protects the joint cover until covering is laid. This method avoids damage caused by site traffic.

**Production length:** 4 m  
**Standard colors:** black, grey, beige
**FP 55 / FK 55**

**FOR FLOORS AND WALLS**

**MIGUTEC**

**JOINT COVERS FOR EXPANSION JOINTS**

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable available in flush version and with 3 mm upstand (as FK 55)

2. **High load capacity due to sturdy construction**
   Solid aluminium brackets

3. **Multi directional movement**

4. **MultiHole mounting bracket**
   for secure fixing

5. **Quick and easy installation**
   Positive connection of production lengths by means of connection pieces

---

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Load bearing capacity</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>&quot;b&quot; max</td>
<td>&quot;A_b&quot;</td>
<td>&quot;b_s&quot;</td>
<td>&quot;b_t&quot;</td>
<td>&quot;h&quot;</td>
<td>[kN]</td>
<td>[kN]</td>
</tr>
<tr>
<td>FP 55/20</td>
<td>50</td>
<td>16 (± 8)</td>
<td>55</td>
<td>150</td>
<td>20</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FP 55/25</td>
<td>50</td>
<td>16 (± 8)</td>
<td>55</td>
<td>150</td>
<td>25</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FP 55/35</td>
<td>50</td>
<td>16 (± 8)</td>
<td>55</td>
<td>150</td>
<td>35</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FP 55/50</td>
<td>50</td>
<td>16 (± 8)</td>
<td>55</td>
<td>150</td>
<td>50</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FP 55/75</td>
<td>50</td>
<td>16 (± 8)</td>
<td>55</td>
<td>150</td>
<td>75</td>
<td>30</td>
<td>300</td>
</tr>
</tbody>
</table>

* no continuous use

Larger installation heights on request.
For installation in asphalt, please ask for our technical advice.
FP 55 expansion joints are also available with a 3 mm upstand of the insert as FK 55 joints.

**Production length:** 4 m

**Standard colours FP 55:** black, grey, beige

**Standard colours FK 55:** black, grey
**FP 55 - 4S**

**FOR FLOORS AND WALLS**

**MIGUTEC**

**JOINT COVERS FOR EXPANSION JOINTS**

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Multi directional movement**

3. **High load capacity due to sturdy construction**
   Solid aluminium brackets

4. **Quick and easy installation**
   Positive connection of production lengths by means of connection pieces

5. **MultiHole mounting bracket**
   for secure fixing

---

### Expansion joint cover

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width $b_f$ [mm]</th>
<th>Total movement $\Delta b_f$ [mm]</th>
<th>Visible width $b_s$ [mm]</th>
<th>Joint width total $b_t$ [mm]</th>
<th>Joint height $h$ [mm]</th>
<th>Load bearing capacity $F$ [kN]</th>
<th>Load bearing capacity* $F^*$ [kN]</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP 55/20 4S</td>
<td>58</td>
<td>22 (+11)</td>
<td>63</td>
<td>158</td>
<td>20</td>
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<td>300</td>
</tr>
<tr>
<td>FP 55/25 4S</td>
<td>58</td>
<td>22 (+11)</td>
<td>63</td>
<td>158</td>
<td>25</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FP 55/35 4S</td>
<td>58</td>
<td>22 (+11)</td>
<td>63</td>
<td>158</td>
<td>35</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FP 55/50 4S</td>
<td>58</td>
<td>22 (+11)</td>
<td>63</td>
<td>158</td>
<td>50</td>
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<td>300</td>
</tr>
<tr>
<td>FP 55/75 4S</td>
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<td>22 (+11)</td>
<td>63</td>
<td>158</td>
<td>75</td>
<td>30</td>
<td>300</td>
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</tbody>
</table>

* no continuous use

Larger installation heights on request.

For installation in asphalt, please ask for our technical advice.

**Production length:** 4 m

**Standard colors:** black, grey, beige
FP 55 NI
WITH CAPPINGS MADE OF STAINLESS STEEL

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. Flexible high quality elastomeric insert
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. Multi directional movement

3. Visible surface in stainless steel

4. High load capacity due to sturdy construction
   Solid aluminium brackets

5. MultiHole mounting bracket
   for secure fixing

6. Quick and easy installation
   Positive connection of production lengths by means of connection pieces

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Load bearing capacity</th>
<th>Load bearing capacity*</th>
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<tr>
<td></td>
<td>by max [mm]</td>
<td>Abf [mm]</td>
<td>bs [mm]</td>
<td>h [mm]</td>
<td>bt [mm]</td>
<td>h [kN]</td>
<td>h [kN]</td>
</tr>
<tr>
<td>FP 55/21 Ni</td>
<td>50</td>
<td>16 (± 8)</td>
<td>57</td>
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<tr>
<td>FP 55/26 Ni</td>
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<td>16 (± 8)</td>
<td>57</td>
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<td>FP 55/36 Ni</td>
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<tr>
<td>FP 55/51 Ni</td>
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<tr>
<td>FP 55/76 Ni</td>
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<td>57</td>
<td>150</td>
<td>76</td>
<td>30</td>
<td>300</td>
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</tbody>
</table>

* no continuous use
Larger installation heights on request.
For installation in asphalt, please ask for our technical advice.
Production length: 4 m
Standard colors: black, grey
FP 55 NI-4S
WITH CAPPINGS MADE OF STAINLESS STEEL

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Multi directional movement**

3. **Visible surface stainless steel**

4. **High load capacity due to sturdy construction**
   Solid aluminium brackets

5. **MultiHole mounting bracket**
   for secure fixing

6. **Quick and easy installation**
   Positive connection of production lengths by means of connection pieces

### Expansion Joint Cover Specifications

<table>
<thead>
<tr>
<th>Expansion Joint Cover</th>
<th>Joint Width (b_f \text{ max} ) [mm]</th>
<th>Total Movement (\Delta b_f) [mm]</th>
<th>Visible Width (b_s) [mm]</th>
<th>Joint Width Total (b_t) [mm]</th>
<th>Joint Height (h) [mm]</th>
<th>Load Bearing Capacity ([kN])</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP 55/21 NI 4S</td>
<td>58</td>
<td>22 (±11)</td>
<td>65</td>
<td>158</td>
<td>21</td>
<td>30</td>
</tr>
<tr>
<td>FP 55/26 NI 4S</td>
<td>58</td>
<td>22 (±11)</td>
<td>65</td>
<td>158</td>
<td>26</td>
<td>30</td>
</tr>
<tr>
<td>FP 55/36 NI 4S</td>
<td>58</td>
<td>22 (±11)</td>
<td>65</td>
<td>158</td>
<td>36</td>
<td>30</td>
</tr>
<tr>
<td>FP 55/51 NI 4S</td>
<td>58</td>
<td>22 (±11)</td>
<td>65</td>
<td>158</td>
<td>51</td>
<td>30</td>
</tr>
<tr>
<td>FP 55/76 NI 4S</td>
<td>58</td>
<td>22 (±11)</td>
<td>65</td>
<td>158</td>
<td>76</td>
<td>30</td>
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</table>

**Standard colors:** black, grey
**FP 65**

**FOR FLOORS AND WALLS**

**MIGUTEC**

**JOINT COVERS FOR EXPANSION JOINTS**

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Insert and horizontal support plates replaceable**
   with series FP 85 and FP 105

3. **Multi directional movement**

4. **High load capacity due to sturdy construction**
   Solid aluminium brackets

5. **Quick and easy installation**
   Positive connection of production lengths by means of connection pieces

---

### Expansion joint cover

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Load bearing capacity</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>b&lt;sub&gt;f max&lt;/sub&gt; [mm]</td>
<td>Ab&lt;sub&gt;f&lt;/sub&gt; [mm]</td>
<td>bs [mm]</td>
<td>bt [mm]</td>
<td>h [mm]</td>
<td>[kN]</td>
<td>[kN]</td>
</tr>
<tr>
<td>FP 65/20</td>
<td>55</td>
<td>22 (±11)</td>
<td>65</td>
<td>205</td>
<td>20</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FP 65/30</td>
<td>55</td>
<td>22 (±11)</td>
<td>65</td>
<td>205</td>
<td>30</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FP 65/50</td>
<td>55</td>
<td>22 (±11)</td>
<td>65</td>
<td>205</td>
<td>50</td>
<td>30</td>
<td>300</td>
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</tbody>
</table>

* no continuous use

All information on load bearing capacity does only apply to non-floating floors.

For installation in asphalt, please ask for our technical advice.

**Production length:** 4 m

**Standard colors:** black, grey, beige
FP 65 NI
WITH CAPPINGS MADE OF STAINLESS STEEL

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. Visible surface in stainless steel
2. Flexible high quality elastomeric insert
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable
3. Multi directional movement
4. High load capacity due to sturdy construction
   Solid aluminium brackets
5. MultiHole mounting bracket
   for secure fixing
6. Quick and easy installation
   Positive connection of production lengths by means of connection pieces

Expansion joint cover | Joint width | Total movement | Visible width | Joint width total | Joint height | Load bearing capacity | Load bearing capacity* |
------------------------|------------|---------------|--------------|-------------------|-------------|----------------------|------------------------|
FPS 65/21 NI            | 55         | 22 (±11)      | 67           | 205               | 21          | 30                   | 300                    |
FPS 65/31 NI            | 55         | 22 (±11)      | 67           | 205               | 31          | 30                   | 300                    |
FPS 65/51 NI            | 55         | 22 (±11)      | 67           | 205               | 51          | 30                   | 300                    |

* no continuous use
All information on load bearing capacity does only apply to non-floating floors.
For installation in asphalt, please ask for our technical advice.

Production length: 4 m
Standard colors: black, grey
FP 85 FOR FLOORS AND WALLS

MIGUTEC JOINT COVERS FOR EXPANSION JOINTS

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Insert and horizontal support plates replaceable**
   with series FP 65 and FP 105

3. **Multi directional movement**

4. **High load capacity due to sturdy construction**
   Solid aluminium brackets

5. **Quick and easy installation**
   Positive connection of production lengths by means of connection pieces

---

**Expansion joint cover** | **Joint width** | **Total movement** | **Visible width** | **Joint width total** | **Joint height** | **Load bearing capacity** | **Load bearing capacity***
--- | --- | --- | --- | --- | --- | --- | ---
FP 85/20 | 75 | 30 (±15) | 82 | 222 | 20 | 30 | 300
FP 85/30 | 75 | 30 (±15) | 82 | 222 | 30 | 30 | 300
FP 85/50 | 75 | 30 (±15) | 82 | 222 | 50 | 30 | 300

* no continuous use

Larger installation heights on request.
For installation in asphalt, please ask for our technical advice.

**Production length:** 4 m

**Standard colors:** black, grey, beige
### FP 105
**FOR FLOORS AND WALLS**

Flexible high quality elastomeric insert
Hard wearing, temperature resistant (-30°C to +120°C), replaceable

Insert and horizontal support plates replaceable
with series FP 65 and FP 85

Multi directional movement

High load capacity due to sturdy construction
Solid aluminium brackets

Quick and easy installation
Positive connection of production lengths by means of connection pieces

**Expansion joint cover**

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width ( b_{f, \text{max}} ) [mm]</th>
<th>Total movement ( A_{bf} ) [mm]</th>
<th>Visible width ( b_s ) [mm]</th>
<th>Joint width ( b_f ) [mm]</th>
<th>Joint height ( h ) [mm]</th>
<th>Load bearing capacity ( P ) [kN]</th>
<th>Load bearing capacity* ( P^{*} ) [kN]</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP 105/20</td>
<td>100</td>
<td>40 (±20)</td>
<td>109</td>
<td>248</td>
<td>20</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FP 105/30</td>
<td>100</td>
<td>40 (±20)</td>
<td>109</td>
<td>248</td>
<td>30</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FP 105/50</td>
<td>100</td>
<td>40 (±20)</td>
<td>109</td>
<td>248</td>
<td>50</td>
<td>30</td>
<td>300</td>
</tr>
</tbody>
</table>

* no continuous use

For installation in asphalt, please ask for our technical advice.
Larger installation heights on request.

**Production length:** 4 m

**Standard colors:** black, grey, beige

---

**MIGUTEC**
**JOINT COVERS FOR EXPANSION JOINTS**

---

1. Flexible high quality elastomeric insert
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. Insert and horizontal support plates replaceable
   with series FP 65 and FP 85

3. Multi directional movement

4. High load capacity due to sturdy construction
   Solid aluminium brackets

5. Quick and easy installation
   Positive connection of production lengths by means of connection pieces

---

**Expansion joint cover**

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width ( b_{f, \text{max}} ) [mm]</th>
<th>Total movement ( A_{bf} ) [mm]</th>
<th>Visible width ( b_s ) [mm]</th>
<th>Joint width ( b_f ) [mm]</th>
<th>Joint height ( h ) [mm]</th>
<th>Load bearing capacity ( P ) [kN]</th>
<th>Load bearing capacity* ( P^{*} ) [kN]</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP 105/20</td>
<td>100</td>
<td>40 (±20)</td>
<td>109</td>
<td>248</td>
<td>20</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FP 105/30</td>
<td>100</td>
<td>40 (±20)</td>
<td>109</td>
<td>248</td>
<td>30</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FP 105/50</td>
<td>100</td>
<td>40 (±20)</td>
<td>109</td>
<td>248</td>
<td>50</td>
<td>30</td>
<td>300</td>
</tr>
</tbody>
</table>

* no continuous use

For installation in asphalt, please ask for our technical advice.
Larger installation heights on request.

**Production length:** 4 m

**Standard colors:** black, grey, beige
FP 55 B (NI) 4S
FOR FLUSH INSTALLATION IN CONCRETE FLOORS

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Designed for where additional layers of concrete are being cast to strengthen existing slabs**
   Slideable anchor rods for adjustable welding to the reinforcement

3. **Multi directional movement**

4. **High load capacity due to sturdy construction**
   Solid aluminium brackets, also available with stainless steel covers

5. **Quick and easy installation**
   Positive connection of production lengths by means of connection pieces

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width by max [mm]</th>
<th>Total movement Abf [mm]</th>
<th>Visible width b_s [mm]</th>
<th>Joint width total bt [mm]</th>
<th>Joint height h [mm]</th>
<th>Load bearing capacity [kN]</th>
<th>Load bearing capacity* [kN]</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP 55 B 4S</td>
<td>60</td>
<td>22 (± 11)</td>
<td>63</td>
<td>53</td>
<td>30</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>FP 55 B NI 4S</td>
<td>60</td>
<td>22 (± 11)</td>
<td>63</td>
<td>54</td>
<td>30</td>
<td>300</td>
<td>300</td>
</tr>
</tbody>
</table>

* no continuous use

**Production length:** 4 m

**Standard colors:** black, grey

Visible surface also available in stainless steel. Version FP 55 B NI 4S.
**ES 20**
FOR FLOORS AND WALLS, RESISTANT TO AGGRESSIVE FLUIDS

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width by max [mm]</th>
<th>Total movement ∆by [mm]</th>
<th>Visible width bs [mm]</th>
<th>Joint width total bt [mm]</th>
<th>Joint height h [mm]</th>
<th>Load bearing capacity [kN]</th>
<th>Load bearing capacity* [kN]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 20/20</td>
<td>20</td>
<td>5 (+3/-2)</td>
<td>20</td>
<td>20</td>
<td>126</td>
<td>20</td>
<td>30</td>
</tr>
<tr>
<td>ES 20/35</td>
<td>20</td>
<td>5 (+3/-2)</td>
<td>20</td>
<td>95</td>
<td>35</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>ES 20/40</td>
<td>20</td>
<td>5 (+3/-2)</td>
<td>20</td>
<td>95</td>
<td>40</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>ES 20/50</td>
<td>20</td>
<td>5 (+3/-2)</td>
<td>20</td>
<td>95</td>
<td>50</td>
<td>30</td>
<td>30</td>
</tr>
</tbody>
</table>

* no continuous use

All info on load capacities apply to doweled, not to floating installation.

Larger installation heights on request. Larger installation heights on request.

For installation in asphalt, please ask for our technical advice.

**Material:** 1.4301 (alloy 304)

**Production length:** 3 m (ES 20/20: 2 m)

**Standard colors:** black, grey. Stainless steel: mill finish.

---

**MIGUTEC**
JOINT COVERS FOR EXPANSION JOINTS

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Solid stainless steel brackets**
   Resistant to aggressive media (e.g. sea water)

3. **Multi directional movement**

4. **MultiHole mounting bracket**
   for secure fixing
**ES 33**
FOR FLOORS AND WALLS, RESISTANT TO AGGRESSIVE FLUIDS

**MIGUTEC**
JOINT COVERS FOR EXPANSION JOINTS

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Multi directional movement**

3. **Solid stainless steel brackets**
   Resistant to aggressive media (e.g. sea water)

4. **MultiHole mounting bracket**
   for secure fixing

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width by max [mm]</th>
<th>Total movement Ab [mm]</th>
<th>Visible width bs [mm]</th>
<th>Joint width total bt [mm]</th>
<th>Joint height h [mm]</th>
<th>Load bearing capacity [kN]</th>
<th>Load bearing capacity* [kN]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 33/15</td>
<td>30</td>
<td>10 (± 5)</td>
<td>33</td>
<td>139</td>
<td>15</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>ES 33/35</td>
<td>30</td>
<td>10 (± 5)</td>
<td>33</td>
<td>108</td>
<td>35</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>ES 33/40</td>
<td>30</td>
<td>10 (± 5)</td>
<td>33</td>
<td>108</td>
<td>40</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>ES 33/50</td>
<td>30</td>
<td>10 (± 5)</td>
<td>33</td>
<td>108</td>
<td>50</td>
<td>30</td>
<td>30</td>
</tr>
</tbody>
</table>

* no continuous use

Larger installation heights on request.
For installation in asphalt, please ask for our technical advice.
All info on load capacities apply to dowelled, not to floating installation.

**Material**: 1.4301 (alloy 304)
**Production length**: 3 m (ES 33/15: 2 m)
**Standard colors**: black, grey, beige, brown. Stainless steel: mill finish.
ES 39
FOR FLOORS AND WALLS, RESISTANT TO AGGRESSIVE FLUIDS

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Multi directional movement**

3. **Solid stainless steel brackets**

4. **MultiHole mounting bracket**
   for secure fixing

---

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Load bearing capacity</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>by max [mm]</td>
<td>∆bf [mm]</td>
<td>bs [mm]</td>
<td>bt [mm]</td>
<td>h [mm]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES 39/15</td>
<td>35</td>
<td>14 (± 7)</td>
<td>39</td>
<td>145</td>
<td>15</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>ES 39/35</td>
<td>35</td>
<td>14 (± 7)</td>
<td>39</td>
<td>114</td>
<td>35</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>ES 39/40</td>
<td>35</td>
<td>14 (± 7)</td>
<td>39</td>
<td>114</td>
<td>40</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>ES 39/50</td>
<td>35</td>
<td>14 (± 7)</td>
<td>39</td>
<td>114</td>
<td>50</td>
<td>30</td>
<td>30</td>
</tr>
</tbody>
</table>

* no continuous use

All information on load bearing capacity does only apply to non-floating floors.

For installation in asphalt, please ask for our technical advice.

Larger installation heights on request.

**Material:** 1.4301 (alloy 304)

**Production length:** 3 m (ES 39/15: 2 m)

**Standard colors:** black, grey, beige. Stainless steel: mill finish.

---

* [Image of joint cover and dimensions]

---

[26]
ES 60
FOR HEAVY DUTY FLOORS, RESISTANT TO AGGRESSIVE FLUIDS

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. Flexible high quality elastomeric insert
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. Multi directional movement

3. Solid stainless steel brackets
   Resistant to aggressive media (e.g. sea water)

4. Multi Hole mounting bracket
   for secure fixing

5. High load capacity
   suitable for Forklift trucks

Expansion joint cover

<table>
<thead>
<tr>
<th></th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Load bearing capacity*</th>
<th>Load bearing capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>by max [mm]</td>
<td>Abf [mm]</td>
<td>bs [mm]</td>
<td>b[total] [mm]</td>
<td>h [mm]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES 60/19</td>
<td>40</td>
<td>16(+10/-6)</td>
<td>60</td>
<td>160</td>
<td>19</td>
<td>90</td>
<td>35</td>
</tr>
<tr>
<td>ES 60/35</td>
<td>50</td>
<td>16(+10/-6)</td>
<td>60</td>
<td>152</td>
<td>35</td>
<td>90</td>
<td>35</td>
</tr>
</tbody>
</table>

* no continuous use
Larger installation heights on request.
Material: 1.4401 (alloy 316)
Production length: 4 m
Standard colors: black, grey, Stainless steel: mill finish.
**MIGUTEC**
**JOINT COVERS FOR EXPANSION JOINTS**

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Smooth visible surface for easy cleaning**
   Antibacterial and physiologically safe

3. **Quick and easy installation**
   Solid, but light aluminium brackets for quick installation in screed or tiled floorings

4. **MultiHole mounting bracket**
   for secure fixing

---

**FLG 21 FOR FLOORS WITH HYGIENIC REQUIREMENTS**

- **Flexible high quality elastomeric insert**
- **Smooth visible surface for easy cleaning**
- **Quick and easy installation**
- **MultiHole mounting bracket**

**FLG 21/20**
- Joint width: 20 mm
- Total movement: 2 ± 1 mm
- Visible width: 21 mm
- Joint width total: 107 mm
- Joint height: 20 mm
- Load bearing capacity*: 30 kN

**FLG 21/35**
- Joint width: 20 mm
- Total movement: 2 ± 1 mm
- Visible width: 21 mm
- Joint width total: 111 mm
- Joint height: 35 mm
- Load bearing capacity*: 30 kN

**FLG 21/50**
- Joint width: 20 mm
- Total movement: 2 ± 1 mm
- Visible width: 21 mm
- Joint width total: 111 mm
- Joint height: 50 mm
- Load bearing capacity*: 30 kN

* no continuous use

All information on load bearing capacity does only apply to non-floating floors.
For installation in asphalt, please ask for our technical advice.

**Production length:** 4 m
**Standard colors:** black, grey

---

**Expansion joint cover**

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLG 21/20</td>
<td>20</td>
<td>2 ± 1 mm</td>
<td>21 mm</td>
<td>107 mm</td>
<td>20 mm</td>
<td>30 kN</td>
</tr>
<tr>
<td>FLG 21/35</td>
<td>20</td>
<td>2 ± 1 mm</td>
<td>21 mm</td>
<td>111 mm</td>
<td>35 mm</td>
<td>30 kN</td>
</tr>
<tr>
<td>FLG 21/50</td>
<td>20</td>
<td>2 ± 1 mm</td>
<td>21 mm</td>
<td>111 mm</td>
<td>50 mm</td>
<td>30 kN</td>
</tr>
</tbody>
</table>

---

**Diagram**

- "b_t" represents the joint width.
- "b_s" represents the visible width.
- "h" represents the joint height.
- "b_f max" represents the maximum joint width.

---

**Notes**

- Production length: 4 m
- Standard colors: black, grey
- Load bearing capacity applies to non-floating floors.
- Check with technical advice for installation in asphalt.

---

28
For floors with hygienic requirements, with cappings made of stainless steel

**FPG 26 NI**

- Flexible high quality elastomeric insert
  - Hard wearing, temperature resistant (-30°C to +120°C), replaceable
- Smooth visible surface for easy cleaning
  - Antibacterial and physiologically safe
- Visible surface stainless steel
- High load capacity due to sturdy construction
  - Solid aluminium brackets
- MultiHole mounting bracket
  - for secure fixing

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Load bearing capacity*</th>
<th>Load bearing capacity</th>
<th>Load bearing capacity solid plastic tyres</th>
</tr>
</thead>
<tbody>
<tr>
<td>FPG 26 NI</td>
<td>20</td>
<td>2 (± 1)</td>
<td>27</td>
<td>128</td>
<td>35</td>
<td>300</td>
<td>70</td>
<td>5</td>
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</tbody>
</table>

All information on load bearing capacity does only apply to non-floating floors. For installation in asphalt, please ask for our technical advice.

**Production length:** 4 m

**Standard colors:** black, grey
### Expansion joint cover

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>( b_f \text{ max} ) [mm]</td>
<td>( \Delta b_f \text{ max} ) [mm]</td>
<td>( b_s \text{ max} ) [mm]</td>
<td>( b_t \text{ min} ) [mm]</td>
<td>( h \text{ mm} )</td>
<td>( \text{kN} )</td>
</tr>
<tr>
<td>FG 35/15</td>
<td>30</td>
<td>35</td>
<td>35</td>
<td>108</td>
<td>15</td>
<td>30 30</td>
</tr>
<tr>
<td>FG 35/20</td>
<td>30</td>
<td>35</td>
<td>35</td>
<td>108</td>
<td>20</td>
<td>30 30</td>
</tr>
<tr>
<td>FG 35/25</td>
<td>30</td>
<td>35</td>
<td>35</td>
<td>108</td>
<td>25</td>
<td>30 30</td>
</tr>
<tr>
<td>FG 35/35</td>
<td>30</td>
<td>35</td>
<td>35</td>
<td>125</td>
<td>35</td>
<td>30 30</td>
</tr>
<tr>
<td>FG 35/50</td>
<td>30</td>
<td>35</td>
<td>35</td>
<td>125</td>
<td>50</td>
<td>30 30</td>
</tr>
<tr>
<td>FG 35/4055</td>
<td>30</td>
<td>35</td>
<td>35</td>
<td>108</td>
<td>40, 45, 50, 55</td>
<td>30 30</td>
</tr>
<tr>
<td>FG 35/6075</td>
<td>30</td>
<td>35</td>
<td>35</td>
<td>108</td>
<td>60, 65, 70, 72</td>
<td>30 30</td>
</tr>
<tr>
<td>FG 35/7590</td>
<td>30</td>
<td>35</td>
<td>35</td>
<td>108</td>
<td>75, 80, 85, 90</td>
<td>30 30</td>
</tr>
<tr>
<td>FG 35/90105</td>
<td>30</td>
<td>35</td>
<td>35</td>
<td>108</td>
<td>90, 95, 100, 105</td>
<td>30 30</td>
</tr>
</tbody>
</table>

* no continuous use

All info on load capacities apply to dowelled, not to floating installation.

For installation in asphalt, please ask for our technical advice.

**Production length**: 4 m

**Standard colors**: black, grey, beige, brown

---

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Smooth visible surface for easy cleaning**
   Antibacterial and physiologically safe

3. **Quick and easy installation**
   Solid, but light aluminium brackets for quick installation in screed or tiled floorings

4. **MultiHole mounting bracket**
   For secure fixing

5. **Flexible adaptation to site conditions**
   Available with adjustable installation height
FG 41
FOR FLOORS AND WALLS WITH HYGIENIC REQUIREMENTS

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Smooth visible surface for easy cleaning**
   Antibacterial and physiologically safe

3. **Quick and easy installation**
   Solid, but light aluminium brackets for quick installation in screed or tiled floorings

4. **MultiHole mounting bracket**
   for secure fixing

5. **Flexible adaptation to site conditions**
   Available with adjustable installation height

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Load bearing capacity [kN]</th>
<th>Load bearing capacity [kN]</th>
</tr>
</thead>
<tbody>
<tr>
<td>FG 41/15</td>
<td>35</td>
<td>6 (± 3)</td>
<td>41</td>
<td>114</td>
<td>15</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>FG 41/20</td>
<td>35</td>
<td>6 (± 3)</td>
<td>41</td>
<td>114</td>
<td>20</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>FG 41/25</td>
<td>35</td>
<td>6 (± 3)</td>
<td>41</td>
<td>114</td>
<td>25</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>FG 41/35</td>
<td>35</td>
<td>6 (± 3)</td>
<td>41</td>
<td>131</td>
<td>35</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>FG 41/50</td>
<td>35</td>
<td>6 (± 3)</td>
<td>41</td>
<td>131</td>
<td>50</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>FG 41/4055</td>
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<td>6 (± 3)</td>
<td>41</td>
<td>114</td>
<td>40, 45, 50, 55</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>FG 41/6075</td>
<td>35</td>
<td>6 (± 3)</td>
<td>41</td>
<td>114</td>
<td>60, 65, 70, 75</td>
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</tr>
<tr>
<td>FG 41/7590</td>
<td>35</td>
<td>6 (± 3)</td>
<td>41</td>
<td>114</td>
<td>75, 80, 85, 90</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>FG 41/9005</td>
<td>35</td>
<td>6 (± 3)</td>
<td>41</td>
<td>114</td>
<td>90, 95, 100, 105</td>
<td>30</td>
<td>30</td>
</tr>
</tbody>
</table>

All info on load capacities apply to doweled, not to floating installation.
For installation in asphalt, please ask for our technical advice.

**Production length:** 4 m
**Standard colors:** black, grey, beige
FPG 55
FOR FLOORS AND WALLS WITH HYGIENIC REQUIREMENTS

Flexible high quality elastomeric insert
Hard wearing, temperature resistant (-30°C to +120°C), replaceable

Smooth visible surface for easy cleaning
Antibacterial and physiologically safe

High load capacity due to sturdy construction
Solid aluminium brackets

MultiHole mounting bracket
for secure fixing

Quick and easy installation
Solid, but light aluminium brackets for quick installation in screed or tiled floorings

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width $b_{f\text{ max}}$ [mm]</th>
<th>Total movement $A_b$ [mm]</th>
<th>Visible width $b_s$ [mm]</th>
<th>Joint width total $b_t$ [mm]</th>
<th>Joint height $h$ [mm]</th>
<th>Load bearing capacity $F_{\text{max}}$ [kN]</th>
<th>Load bearing capacity* $F_{\text{max}}^*$ [kN]</th>
</tr>
</thead>
<tbody>
<tr>
<td>FPG 55/20</td>
<td>50</td>
<td>8 (± 4)</td>
<td>55</td>
<td>150</td>
<td>20</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FPG 55/25</td>
<td>50</td>
<td>8 (± 4)</td>
<td>55</td>
<td>150</td>
<td>25</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FPG 55/35</td>
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<td>8 (± 4)</td>
<td>55</td>
<td>150</td>
<td>35</td>
<td>30</td>
<td>300</td>
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<tr>
<td>FPG 55/50</td>
<td>50</td>
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<td>55</td>
<td>150</td>
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<td>300</td>
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<tr>
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<td>55</td>
<td>150</td>
<td>75</td>
<td>30</td>
<td>300</td>
</tr>
</tbody>
</table>

* no continuous use

Larger installation heights on request.
For installation in asphalt, please ask for our technical advice.

Production length: 4 m

Standard colors: black, grey, beige
FGH 65
THE EXPANSION JOINT COVER FOR AREAS WITH STRICT HYGIENIC REQUIREMENTS AND HIGH AESTHETIC DEMANDS

Ultra-smooth insert for residue-free cleaning
Thus optimal sterility and physiologically safe

Seamless, symmetrical visible surface
Hard-wear special insert for smoother, low-noise transit

Innovative solution
Suitable for hospital-typical vehicles, such as hospital beds and food trolleys

High load capacity due to sturdy construction
Solid aluminium brackets

Secure fixing due to MultiHole mounting bracket
Flexible anchoring and excellent bond

Ideal for use with various types of floor covering

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width (b_{f,\text{max}}) [mm]</th>
<th>Total movement (A_{bf}) [mm]</th>
<th>Visible width (b_s) [mm]</th>
<th>Joint width total (b_f) [mm]</th>
<th>Joint height (h) [mm]</th>
<th>Load bearing capacity (P) [kN]</th>
<th>Load bearing capacity* (P^*) [kN]</th>
</tr>
</thead>
<tbody>
<tr>
<td>FGH 65/38</td>
<td>50</td>
<td>20 (\pm) 10</td>
<td>65</td>
<td>148</td>
<td>38</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FGH 65/50</td>
<td>50</td>
<td>20 (\pm) 10</td>
<td>65</td>
<td>171</td>
<td>50</td>
<td>30</td>
<td>300</td>
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<tr>
<td>FGH 65/60</td>
<td>50</td>
<td>20 (\pm) 10</td>
<td>65</td>
<td>171</td>
<td>60</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>FGH 65/70</td>
<td>50</td>
<td>20 (\pm) 10</td>
<td>65</td>
<td>171</td>
<td>70</td>
<td>30</td>
<td>300</td>
</tr>
</tbody>
</table>

* no continuous use
All information on load bearing capacity does only apply to non-floating floors.
For installation in asphalt, please ask for our technical advice.

Production length: 3 m
Standard colors: black, grey
Larger installation heights on request.
### MIGUTEC
**JOINT COVERS FOR EXPANSION JOINTS**

1. **Ultra-smooth insert for residue-free cleaning**
   Ensures optimal sterility and is physiologically safe

2. **Seamless, symmetrical visible surface**
   Hard-wear special insert for smoother, low-noise transit

3. **New: Innovative clip design**
   Insert is fully replaceable over entire length of expansion joint cover

4. **Secure fixing due to MultiHole mounting bracket**
   Flexible anchoring and excellent bond

5. **Innovative solution**
   Suitable for hospital-typical vehicles, such as hospital beds and food trolleys

---

### FGH 2.0
**EXPANSION JOINT COVERS WITH HYGIENIC REQUIREMENTS**

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width b_f max [mm]</th>
<th>Total movement A_f [mm]</th>
<th>Visible width D_s [mm]</th>
<th>Joint width total b_k [mm]</th>
<th>Joint height h [mm]</th>
<th>Load bearing capacity [kN]</th>
<th>Load bearing capacity* [kN]</th>
</tr>
</thead>
<tbody>
<tr>
<td>FGH2 65/30</td>
<td>50</td>
<td>20 (±10)</td>
<td>65</td>
<td>148</td>
<td>30</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>FGH2 65/38</td>
<td>50</td>
<td>20 (±10)</td>
<td>65</td>
<td>148</td>
<td>38</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>FGH2 65/50</td>
<td>50</td>
<td>20 (±10)</td>
<td>65</td>
<td>171</td>
<td>50</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>FGH2 65/60</td>
<td>50</td>
<td>20 (±10)</td>
<td>65</td>
<td>171</td>
<td>60</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>FGH2 65/70</td>
<td>50</td>
<td>20 (±10)</td>
<td>65</td>
<td>171</td>
<td>70</td>
<td>30</td>
<td>30</td>
</tr>
</tbody>
</table>

* no continuous use

All information on load bearing capacity does only apply to non-floating floors.

**Standard colors:** black, grey

**Production length:** 3 m

Larger installation heights on request.
MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

ESG 20
FOR FLOORS WITH HYGIENIC REQUIREMENTS, RESISTANT TO AGGRESSIVE FLUIDS

1. Flexible high quality elastomeric insert
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. Smooth visible surface for easy cleaning
   Antibacterial and physiologically safe

3. Solid stainless steel brackets
   Resistant to aggressive media (e.g. sea water)

4. Secure fixing with MultiHole mounting bracket
   Firm bond and extraordinary gripping strength

5. Multi directional movement
   Expansion joint cover takes on settling

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width total $b_t$ [mm]</th>
<th>Total movement $A_{bf}$ [mm]</th>
<th>Visible width $b_s$ [mm]</th>
<th>Joint width $b_f$ [mm]</th>
<th>Joint height $h$ [mm]</th>
<th>Load bearing capacity* $F$ [kN]</th>
<th>Load bearing capacity* $F$ [kN]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESG 20/20</td>
<td>20</td>
<td>2 (± 1)</td>
<td>20</td>
<td>126</td>
<td>20</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>ESG 20/35</td>
<td>20</td>
<td>2 (± 1)</td>
<td>20</td>
<td>95</td>
<td>35</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>ESG 20/40</td>
<td>20</td>
<td>2 (± 1)</td>
<td>20</td>
<td>95</td>
<td>40</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>ESG 20/50</td>
<td>20</td>
<td>2 (± 1)</td>
<td>20</td>
<td>95</td>
<td>50</td>
<td>30</td>
<td>30</td>
</tr>
</tbody>
</table>

* no continuous use
Larger installation heights on request.
All info on load capacities apply to doweled, not to floating installation.

Material: 1.4301 (alloy 304)
Production length: 3 m (ESG 20/20: 2 m)
Standard colors: black, grey
Stainless steel: mill finish.
Expansion joint cover | Joint width | Total movement | Visible width | Joint width total | Joint height | Load bearing capacity | Load bearing capacity
---|---|---|---|---|---|---|---
ESG 33/15 | 30 | 6 (± 3) | 33 | 139 | 15 | 30 | 30
ESG 33/35 | 30 | 6 (± 3) | 33 | 108 | 35 | 30 | 30
ESG 33/40 | 30 | 6 (± 3) | 33 | 108 | 40 | 30 | 30
ESG 33/50 | 30 | 6 (± 3) | 33 | 108 | 50 | 30 | 30

Larger installation heights on request.
All info on load capacities apply to doweled, not to floating installation.
Material: 1.4301 (alloy 304)
Production length: 3 m (ESG 33/15: 2 m)

Flexible high quality elastomeric insert
Hard wearing, temperature resistant (-30°C to +120°C), replaceable

Smooth visible surface for easy cleaning
Antibacterial and physiologically safe

Solid stainless steel brackets
Resistant to aggressive media (e.g. sea water)

Multi directional movement
Expansion joint cover takes on settling

Secure fixing with MultiHole mounting bracket
Firm bond and extraordinary gripping strength
**ESG 39**

FOR FLOORS WITH HYGIENIC REQUIREMENTS, RESISTANT TO AGGRESSIVE FLUIDS

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width $b_{f \text{ max}}$ [mm]</th>
<th>Total movement $A_{bf}$ [mm]</th>
<th>Visible width $D_s$ [mm]</th>
<th>Joint width total $b_t$ [mm]</th>
<th>Joint height $h$ [mm]</th>
<th>Load bearing capacity* [kN]</th>
<th>Load bearing capacity* [kN]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESG 39/15</td>
<td>35</td>
<td>$6 \pm 3$</td>
<td>39</td>
<td>145</td>
<td>15</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>ESG 39/35</td>
<td>35</td>
<td>$6 \pm 3$</td>
<td>39</td>
<td>114</td>
<td>35</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>ESG 39/40</td>
<td>35</td>
<td>$6 \pm 3$</td>
<td>39</td>
<td>114</td>
<td>40</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>ESG 39/50</td>
<td>35</td>
<td>$6 \pm 3$</td>
<td>39</td>
<td>114</td>
<td>50</td>
<td>30</td>
<td>30</td>
</tr>
</tbody>
</table>

* no continuous use

Larger installation heights on request.
All information on load bearing capacity does only apply to non-floating floors.
For installation in asphalt, please ask for our technical advice.

**Material:** 1.4301 (alloy 304)

**Production length:** 3 m (ESG 39/15: 2 m)

**Standard colors:** black, grey, beige

---

**MIGUTEC**

JOINT COVERS FOR EXPANSION JOINTS

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Smooth visible surface for easy cleaning**
   Antibacterial and physiologically safe

3. **Solid stainless steel brackets**
   Resistant to aggressive media (e.g. sea water)

4. **Multi directional movement**

5. **MultiHole mounting bracket**
   for secure fixing

---

**Material:** 1.4301 (alloy 304)

**Production length:** 3 m (ESG 39/15: 2 m)

**Standard colors:** black, grey, beige

---

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### MIGUTEC
**JOINT COVERS FOR EXPANSION JOINTS**

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Smooth visible surface for easy cleaning**
   Antibacterial and physiologically safe

3. **Solid stainless steel brackets**
   Resistant to aggressive media (e.g. sea water)

4. **High load capacity**
   suitable for Forklift trucks

5. **MultiHole mounting bracket**
   for secure fixing

**Multi directional movement**

---

**Expansion joint cover**

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width ( b_f \text{ max} ) [mm]</th>
<th>Total movement ( \Delta b_f \text{ [mm]} )</th>
<th>Visible width ( b_s \text{ [mm]} )</th>
<th>Joint width total ( b_t \text{ [mm]} )</th>
<th>Joint height ( h \text{ [mm]} )</th>
<th>Load bearing capacity ( \text{Load bearing capacity} ) [kN]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESG 60/19</td>
<td>40</td>
<td>8 (± 4)</td>
<td>60</td>
<td>160</td>
<td>19</td>
<td>30</td>
</tr>
<tr>
<td>ESG 60/35</td>
<td>50</td>
<td>8 (± 4)</td>
<td>60</td>
<td>152</td>
<td>35</td>
<td>30</td>
</tr>
</tbody>
</table>

Larger installation heights on request.

All information on load bearing capacity does only apply to non-floating floors.

**Material:** 1.4401 (alloy 316)

**Production length:** 4 m

**Standard colors:** grey
MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. Flexible high quality elastomeric insert
   Hard wearing, temperature resistant (-30°C to +120°C)

2. Economical
   Insert replaceable at any time

3. Anti slip surface ensures good skid resistance
   Special striated surface, also suitable for sports areas

4. Very flat design
   Perfect for surface fixing

---

Expansion joint cover specifications:

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Joint width required</th>
<th>Width of insert</th>
<th>Installation height</th>
<th>Thickness of alu side plates</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNG 20</td>
<td>2 (± 1)</td>
<td>97</td>
<td>20</td>
<td>17</td>
<td>12</td>
<td>2</td>
<td>pedestrians</td>
</tr>
</tbody>
</table>

* Light vehicles on request.

Production length: 4 m

Standard colors: black, grey
FNG 35
FOR FLOORS WITH HYGIENIC REQUIREMENTS – SURFACE FIXING

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. Flexible high quality elastomeric insert
   Hard wearing, temperature resistant (-30°C to +120°C)

2. Economical
   Insert replaceable at any time

3. Anti slip surface ensures good skid resistance
   Special striated surface, also suitable for sports areas

4. Very flat design
   Perfect for surface fixing

---

### Expansion Joint Cover Specifications

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Joint width required</th>
<th>Width of insert</th>
<th>Installation height</th>
<th>Thickness of alu side plates</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNG 35</td>
<td>6 (±3)</td>
<td>112</td>
<td>35</td>
<td>30</td>
<td>13</td>
<td>2</td>
<td>pedestrians</td>
</tr>
</tbody>
</table>

* Light vehicles on request.

**Production length:** 4 m

**Standard colors:** black, grey, beige, brown
**FNG 41**

FOR FLOORS WITH HYGIENIC REQUIREMENTS – SURFACE FIXING

**MIGUTEC**

JOINT COVERS FOR EXPANSION JOINTS

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C)

2. **Anti slip surface ensures good skid resistance**
   Special striated surface, also suitable for sports areas

3. **Economical**
   Insert replaceable at any time

4. **Very flat design**
   Perfect for surface fixing

---

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Joint width required</th>
<th>Width of insert</th>
<th>Installation height</th>
<th>Thickness of alu side plates</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNG 41</td>
<td>±3 (± 3)</td>
<td>118</td>
<td>41</td>
<td>35</td>
<td>13</td>
<td>2</td>
<td>pedestrians</td>
</tr>
</tbody>
</table>

* Light vehicles on request.

Production length: 4 m

Standard colors: black, grey, beige
**MIGUTEC**

**JOINT COVERS FOR EXPANSION JOINTS**

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C)

2. **Anti slip surface ensures good skid resistance**
   Special striated surface, also suitable for sports areas

3. **Economical**
   Insert replaceable at any time

4. **Very flat design**
   Perfect for surface fixing

---

### Expansion joint cover

<table>
<thead>
<tr>
<th></th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Joint width required</th>
<th>Width of insert</th>
<th>Installation height</th>
<th>Thickness of alu side plates</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FNG 50</strong></td>
<td>8 (± 4)</td>
<td>170</td>
<td>50</td>
<td>43</td>
<td>16</td>
<td>3</td>
<td>pedestrians</td>
</tr>
</tbody>
</table>

* Light vehicles on request.

**Production length:** 4 m  
**Standard colors:** black, grey, beige

---

![Diagram of expansion joint cover](image)

---

---

---

---

---
**FN 20**
FOR FLOORS – SURFACE FIXING

**MIGUTEC**
JOINT COVERS FOR EXPANSION JOINTS

1. **Anti slip surface ensures good skid resistance**
   Special striated surface, also suitable for sports areas

2. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C)

3. **Economical**
   Insert replaceable at any time

4. **Very flat design**
   Perfect for surface fixing

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Joint width required</th>
<th>Width of insert</th>
<th>Installation height</th>
<th>Thickness of alu side plates</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FN 20</td>
<td>5 (+3/-2)</td>
<td>97</td>
<td>20</td>
<td>17</td>
<td>12</td>
<td>2</td>
<td>pedestrians</td>
</tr>
</tbody>
</table>

* Light vehicles on request.

**Production length:** 4 m

**Standard colors:** black, grey
1. **Perfectly designed insert**  
   3 mm high upstand can be welded with PVC floorings

2. **Flexible high quality elastomeric insert**  
   Hard wearing, temperature resistant (-30°C to +120°C)

3. **Economical**  
   Insert replaceable at any time

4. **Very flat design**  
   Perfect for surface fixing

---

**FKN 20**  
**FOR FLOORS WITH PVC OR LINOLEUM – SURFACE FIXING**

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Joint width required for coverings</th>
<th>Width of insert thickness</th>
<th>Installation height</th>
<th>Thickness of alu side plates</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FKN 20</td>
<td>5 (+3/-2)</td>
<td>97</td>
<td>20</td>
<td>3</td>
<td>17</td>
<td>12</td>
<td>2 pedestrians</td>
</tr>
</tbody>
</table>

* Light vehicles on request.

**Production length:** 4 m  
**Standard colors:** grey
FTN 20
FOR FLOORS WITH CARPET – SURFACE FIXING

1. Perfectly designed insert
   5 mm high upstand in conjunction with carpets

2. Flexible high quality elastomeric insert
   Hard wearing, temperature resistant (-30°C to +120°C)

3. Economical
   Insert replaceable at any time

4. Very flat design
   Perfect for surface fixing

---

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Joint width required for coverings</th>
<th>Width of insert</th>
<th>Installation height</th>
<th>Thickness of alu side plates</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTN 20</td>
<td>5 (+3/-2)</td>
<td>97</td>
<td>20</td>
<td>5</td>
<td>17</td>
<td>12</td>
<td>2 pedestrians</td>
</tr>
</tbody>
</table>

* Light vehicles on request.

Production length: 4 m

Standard colors: black, grey
**FN 35**
FOR FLOORS – SURFACE FIXING

**MIGUTEC**
JOINT COVERS FOR EXPANSION JOINTS

1. **Anti slip surface ensures good skid resistance**
   Special striated surface, also suitable for sports areas

2. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C)

3. **Economical**
   Insert replaceable at any time

4. **Very flat design**
   Perfect for surface fixing

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Joint width required</th>
<th>Width of insert</th>
<th>Installation height</th>
<th>Thickness of alu side plates</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FN 35</td>
<td>10 (±5)</td>
<td>112</td>
<td>35</td>
<td>30</td>
<td>13</td>
<td>2</td>
<td>pedestrians</td>
</tr>
</tbody>
</table>

* Light vehicles on request.

**Production length:** 4 m

**Standard colors:** black, grey, beige
**MIGUTEC**
JOINT COVERS FOR EXPANSION JOINTS

1. **Anti slip surface ensures good skid resistance**
   Special striated surface, also suitable for sports areas

2. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C)

3. **Economical**
   Insert replaceable at any time

4. **Very flat design**
   Perfect for surface fixing

---

**Table: Expansion joint cover**

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement $\Delta b_f$ [mm]</th>
<th>Joint width total $b_t$ [mm]</th>
<th>Joint width required $b_{f \text{min}}$ [mm]</th>
<th>Width of insert $b_s$ [mm]</th>
<th>Installation height $h$ [mm]</th>
<th>Thickness of alu side plates $\text{[mm]}$</th>
<th>Load bearing capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>FN 41</td>
<td>14 (± 7)</td>
<td>118</td>
<td>41</td>
<td>35</td>
<td>13</td>
<td>2</td>
<td>pedestrians</td>
</tr>
</tbody>
</table>

* Light vehicles on request.

**Production length:** 4 m

**Standard colors:** black, grey, beige, brown

---
FKN 35
FOR FLOORS WITH PVC OR LINOLEUM – SURFACE FIXING

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. **Perfectly designed insert**
   3 mm high upstand can be welded with PVC floorings

2. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C)

3. **Economical**
   Insert replaceable at any time

4. **Very flat design**
   Perfect for surface fixing

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint width required for covers</th>
<th>Width of insert</th>
<th>Installation height</th>
<th>Thickness of alu side plates</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FKN 35</td>
<td>10 (±5)</td>
<td>30</td>
<td>112</td>
<td>35</td>
<td>30</td>
<td>13</td>
<td>2</td>
<td>pedestrians</td>
</tr>
</tbody>
</table>

* Light vehicles on request.

**Production length:** 4 m

**Standard colors:** black, grey, beige, brown
MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. Perfectly designed insert
   5 mm high upstand in conjunction with carpets

2. Flexible high quality elastomeric insert
   Hard wearing, temperature resistant (-30°C to +120°C)

3. Economical
   Insert replaceable at any time

4. Very flat design
   Perfect for surface fixing

---

**FTN 35**
FOR FLOORS WITH CARPET – SURFACE FIXING

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint width required for covers</th>
<th>Width of insert</th>
<th>Installation height</th>
<th>Thickness of alu side plates</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTN 35</td>
<td>10 (±5) mm</td>
<td>30 mm</td>
<td>112 mm</td>
<td>35 mm</td>
<td>5 mm</td>
<td>30 mm</td>
<td>13 mm</td>
<td>2 pedestrians</td>
</tr>
</tbody>
</table>

* Light vehicles on request.

**Production length:** 4 m  
**Standard colors:** black, grey, beige
FN 50
FOR FLOORS – SURFACE FIXING

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. **Anti slip surface ensures good skid resistance**
   Special striated surface, also suitable for sports areas

2. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C)

3. **Economical**
   Insert replaceable at any time

4. **Very flat design**
   Perfect for surface fixing

---

### Expansion joint cover

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Joint width required</th>
<th>Width of insert</th>
<th>Installation height</th>
<th>Thickness of alu side plates</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FN 50</td>
<td>16 (±8)</td>
<td>170</td>
<td>50</td>
<td>43</td>
<td>16</td>
<td>3</td>
<td>pedestrians</td>
</tr>
</tbody>
</table>

* Light vehicles on request.

**Production length:** 4 m

**Standard colors:** black, grey, beige
FKN 50
FOR FLOORS WITH PVC OR LINOLEUM – SURFACE FIXING

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. Perfectly designed insert
   3 mm high upstand can be welded with PVC floorings

2. Flexible high quality elastomeric insert
   Hard wearing, temperature resistant (-30°C to +120°C)

3. Economical
   Insert replaceable at any time

4. Very flat design
   Perfect for surface fixing

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Joint width required</th>
<th>for coverings</th>
<th>Width of insert</th>
<th>Installation height</th>
<th>Thickness of alu side plates</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FKN 50</td>
<td>∆bₖ [mm]</td>
<td>bₖ total (mm)</td>
<td>bₖ min (mm)</td>
<td>thickness (mm)</td>
<td>bₛ (mm)</td>
<td>h (mm)</td>
<td>16 [mm]</td>
<td>3 pedestrians</td>
</tr>
</tbody>
</table>

* Light vehicles on request.

Production length: 4 m

Standard colours: black, grey
**MIGUTEC**

**JOINT COVERS FOR EXPANSION JOINTS**

1. **Anti slip surface ensures good skid resistance**
   Special striated surface, also suitable for sports areas

2. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C)

3. **Economical**
   Insert replaceable at any time

4. **Very flat design**
   Perfect for surface fixing

---

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Joint width required</th>
<th>Width of insert</th>
<th>Installation height</th>
<th>Thickness of alu side plates</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FN 58</td>
<td>22 (±11)</td>
<td>178</td>
<td>60</td>
<td>52</td>
<td>16</td>
<td>3</td>
<td>pedestrians</td>
</tr>
</tbody>
</table>

* Light vehicles on request.

**Production length:** 4 m

**Standard colors:** black, grey, beige
## FN 65 / FN 85

### FOR FLOORS – SURFACE FIXING

1. **Anti slip surface ensures good skid resistance**
   Special striated surface, also suitable for sports areas

2. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C)

3. **Economical**
   Insert replaceable at any time

4. **Very flat design**
   Perfect for surface fixing

### MIGUTEC

### JOINT COVERS FOR EXPANSION JOINTS

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement $\Delta b_f$ [mm]</th>
<th>Visible Width $b_s$ [mm]</th>
<th>Joint width total $b_t$ [mm]</th>
<th>Joint width required $b_f \text{ min}$ [mm]</th>
<th>Installation height $h$ [mm]</th>
<th>Thickness of alu side plates [mm]</th>
<th>Covering Width [mm]</th>
<th>Load bearing capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FN 65</td>
<td>22 (± 11)</td>
<td>224</td>
<td>80</td>
<td>18</td>
<td>4</td>
<td>52</td>
<td>pedestrians</td>
<td></td>
</tr>
<tr>
<td>FN 85</td>
<td>30 (± 15)</td>
<td>242</td>
<td>100</td>
<td>18</td>
<td>4</td>
<td>70</td>
<td>pedestrians</td>
<td></td>
</tr>
</tbody>
</table>

* Light vehicles on request.

**Production length:** 4 m

**Standard colors:** black, grey, beige

---

![Diagram showing dimensions](image-url)
FN 110
FOR FLOORS – SURFACE FIXING

1. **Anti slip surface ensures good skid resistance**
   Special striated surface, also suitable for sports areas

2. **Flexible MIGUFLEX insert**
   Hard wearing, temperature resistant (-30°C to +120°C)

3. **Economical**
   Insert replaceable at any time

4. **Very flat design**
   Perfect for surface fixing

---

Expansion joint cover

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Joint width required</th>
<th>Width of insert</th>
<th>Installation height</th>
<th>Thickness of alu side plates</th>
<th>Load bearing capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>FN 110</td>
<td>60 (±30)</td>
<td>311</td>
<td>75</td>
<td>64</td>
<td>40</td>
<td>6.3</td>
<td>35</td>
</tr>
</tbody>
</table>

**Installation instructions:** Any unevenness in the surface to which the joint cover is being fixed must be remedied by using an epoxy adhesive e.g. Reckli-Adhesive EP. Thereafter the aluminium brackets must be fixed on both sides with countersunk stainless steel screws e.g. Multi Monti type MMS-7.5 ES or similar, at 200 mm intervals.

**Production length:** 4 m

**Standard colors:** black
Fit for traffic with pallet trucks or forklift trucks
Under the condition of sufficient load-bearing capacity of the ground
With solid aluminium brackets
EPDM insert covers entire joint height
UV/Ozone consistent
High resistancy against chemicals
Slim visible surface
High pressure and deformation resistancy of the EPDM filler material
Smoothed surface for better connection with adjacent flooring
Suitable for subsequent grinding
Reduction of sound impact

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width max.</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height total</th>
<th>Clear height</th>
<th>Load bearing capacity</th>
<th>Load bearing capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESF-L 9/18 AL</td>
<td>5</td>
<td>2 (± 1 mm)</td>
<td>9</td>
<td>49</td>
<td>18,5</td>
<td>16,5</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 9/19 AL</td>
<td>5</td>
<td>2 (± 1 mm)</td>
<td>9</td>
<td>49</td>
<td>19</td>
<td>17</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 9/20 AL</td>
<td>5</td>
<td>2 (± 1 mm)</td>
<td>9</td>
<td>49</td>
<td>20,5</td>
<td>18,5</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 9/22 AL</td>
<td>5</td>
<td>2 (± 1 mm)</td>
<td>9</td>
<td>49</td>
<td>22</td>
<td>20</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 9/24 AL</td>
<td>5</td>
<td>2 (± 1 mm)</td>
<td>9</td>
<td>49</td>
<td>24</td>
<td>22</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 9/27 AL</td>
<td>5</td>
<td>2 (± 1 mm)</td>
<td>9</td>
<td>49</td>
<td>27</td>
<td>25</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 9/32 AL</td>
<td>5</td>
<td>2 (± 1 mm)</td>
<td>9</td>
<td>49</td>
<td>32</td>
<td>30</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 9/42 AL</td>
<td>5</td>
<td>2 (± 1 mm)</td>
<td>9</td>
<td>49</td>
<td>42</td>
<td>40</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 9/52 AL</td>
<td>5</td>
<td>2 (± 1 mm)</td>
<td>9</td>
<td>49</td>
<td>52</td>
<td>50</td>
<td>300</td>
<td>35</td>
</tr>
</tbody>
</table>

Production length: 2.50 m
EPDM colours: Black, Grey, Beige.
ESF-U 10 AL
CONTRACTION JOINT SYSTEMS

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

Fit for traffic with pallet trucks or forklift trucks
Under the condition of sufficient load-bearing capacity of the ground
With solid aluminium brackets
EPDM insert covers entire joint height
UV/Ozone consistent
High resistancy against chemicals
Slim visible surface
High pressure and deformation resistancy of the EPDM filler material
Smoothed surface for better connection with adjacent flooring
Suitable for subsequent grinding
Reduction of sound impact

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint height</th>
<th>Load bearing capacity</th>
<th>Load bearing capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$\Delta y$ [mm]</td>
<td>$b_s$ [mm]</td>
<td>$h$ [mm]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ESF-U 10/10 AL</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>10</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-U 10/15 AL</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>15</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-U 10/20 AL</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>20</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-U 10/30 AL</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>30</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-U 10/40 AL</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>40</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-U 10/50 AL</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>50</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-U 10/60 AL</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>60</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-U 10/70 AL</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>70</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-U 10/80 AL</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>80</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-U 10/90 AL</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>90</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-U 10/100 AL</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>100</td>
<td>300</td>
<td>35</td>
</tr>
</tbody>
</table>

Production length: 2.50 m
EPDM colours: Black, Grey, Beige.
Fit for traffic with pallet trucks or forklift trucks
Under the condition of sufficient load-bearing capacity of the ground
With solid stainless steel brackets
EPDM insert covers entire joint height
UV/Ozone consistent
High resistancy against chemicals
Slim visible surface
High pressure and deformation resistancy of the EPDM filler material
Smoothed surface for better connection with adjacent flooring
Suitable for subsequent grinding
Reduction of sound impact

Expansion joint cover | Joint width max. | Total movement | Visible width | Joint width total | Joint height total | Clear height | Load bearing capacity  | Load bearing capacity |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ESF-L 10/17 ES</td>
<td>8</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>52</td>
<td>17,5</td>
<td>16,5</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 10/18 ES</td>
<td>8</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>52</td>
<td>18</td>
<td>17</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 10/19 ES</td>
<td>8</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>52</td>
<td>19,5</td>
<td>18,5</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 10/21 ES</td>
<td>8</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>52</td>
<td>21</td>
<td>20</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 10/23 ES</td>
<td>8</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>52</td>
<td>23</td>
<td>22</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 10/26 ES</td>
<td>8</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>52</td>
<td>26</td>
<td>25</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 10/31 ES</td>
<td>8</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>52</td>
<td>31</td>
<td>30</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 10/41 ES</td>
<td>8</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>52</td>
<td>41</td>
<td>40</td>
<td>300</td>
<td>35</td>
</tr>
<tr>
<td>ESF-L 10/51 ES</td>
<td>8</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>52</td>
<td>51</td>
<td>50</td>
<td>300</td>
<td>35</td>
</tr>
</tbody>
</table>

Production length: 2.50 m
Material: 1.4301 (alloy 304)
EPDM colours: Black, Grey, Beige.
Fit for traffic with pallet trucks or forklift trucks
Under the condition of sufficient load-bearing capacity of the ground
With solid stainless steel brackets
EPDM insert covers entire joint height
UV/Ozone consistent
High resistance against chemicals
Slim visible surface
High pressure and deformation resistance of the EPDM filler material
Smoothed surface for better connection with adjacent flooring
Suitable for subsequent grinding
Reduction of impact noise

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint height total</th>
<th>Load bearing capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESF-U 10/10 ES</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>10</td>
<td>300</td>
</tr>
<tr>
<td>ESF-U 10/15 ES</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>15</td>
<td>300</td>
</tr>
<tr>
<td>ESF-U 10/20 ES</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>20</td>
<td>300</td>
</tr>
<tr>
<td>ESF-U 10/30 ES</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>ESF-U 10/40 ES</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>40</td>
<td>300</td>
</tr>
<tr>
<td>ESF-U 10/50 ES</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>50</td>
<td>300</td>
</tr>
<tr>
<td>ESF-U 10/60 ES</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>60</td>
<td>300</td>
</tr>
<tr>
<td>ESF-U 10/70 ES</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>70</td>
<td>300</td>
</tr>
<tr>
<td>ESF-U 10/80 ES</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>80</td>
<td>300</td>
</tr>
<tr>
<td>ESF-U 10/90 ES</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>90</td>
<td>300</td>
</tr>
<tr>
<td>ESF-U 10/100 ES</td>
<td>2 (± 1 mm)</td>
<td>10</td>
<td>100</td>
<td>300</td>
</tr>
</tbody>
</table>

Production length: 2.50 m
Material: 1.4301 (alloy 304)
EPDM colours: Black, Grey, Beige.
**MIGUTEC**

**JOINT COVERS FOR EXPANSION JOINTS**

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C bis +120°C)

2. **Visible surface stainless steel**

3. **High load capacity**
   Solid aluminium brackets, suitable for hard plastic tyres

4. **MultiHole mounting brackets**
   for secure fixing

---

**ESF 22 NI**

**WITH CAPPINGS MADE OF STAINLESS STEEL; FOR CONTRACTION JOINTS IN FLOORS WITH HIGH LOAD CAPACITY**

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Load bearing capacity solid plastic tyres</th>
<th>Load bearing capacity solid plastic tyres</th>
<th>Load bearing capacity solid plastic tyres</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ft max [mm]</td>
<td>Δb [mm]</td>
<td>bS [mm]</td>
<td>bt [mm]</td>
<td>h [mm]</td>
<td>[kN]</td>
<td>[kN]</td>
<td>[kN]</td>
</tr>
<tr>
<td>ESF 22/18 NI</td>
<td>12</td>
<td>4 (±2)</td>
<td>22</td>
<td>110</td>
<td>18</td>
<td>600</td>
<td>130</td>
<td>11</td>
</tr>
<tr>
<td>ESF 22/30 NI</td>
<td>12</td>
<td>4 (±2)</td>
<td>22</td>
<td>110</td>
<td>30</td>
<td>600</td>
<td>130</td>
<td>11</td>
</tr>
<tr>
<td>ESF 22/45 NI</td>
<td>12</td>
<td>4 (±2)</td>
<td>22</td>
<td>110</td>
<td>45</td>
<td>600</td>
<td>130</td>
<td>11</td>
</tr>
<tr>
<td>ESF 22/60 NI</td>
<td>12</td>
<td>4 (±2)</td>
<td>22</td>
<td>110</td>
<td>60</td>
<td>600</td>
<td>130</td>
<td>11</td>
</tr>
</tbody>
</table>

All information on load bearing capacity does only apply to non-floating floors.

**Production length:** 4 m

**Material visible cover:** 1.4301

**Standard colors:** black, grey
**ESF 10 AL**
**FOR CONTRACTION JOINTS IN FLOORS WITH HIGH LOAD CAPACITY**

---

**MIGUTEC**
**JOINT COVERS FOR EXPANSION JOINTS**

1. **Solid all-metal expansion joint cover**
   - Hard wearing, maintenance free, long lasting

2. **High load capacity**
   - Solid aluminium brackets, suitable for hard plastic tyres

3. **Small visible surface**
   - Slim design, visible width of cover 10 mm only

4. **MultiHole mounting bracket**
   - for secure fixing

**Now available Anodized!**
This expansion joint cover is on offer in anodized colours as of now. Available as standard in the four colours shown below, we will be pleased to offer you further colours upon request.

---

**Expansion joint cover**

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Load bearing capacity solid plastic tyres</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>b_f max [mm]</td>
<td>(\Delta b_f) [mm]</td>
<td>b_s [mm]</td>
<td>b_t [mm]</td>
<td>h [mm]</td>
<td>kN</td>
</tr>
<tr>
<td>ESF 10/12 AL</td>
<td>10</td>
<td>4 (±2)</td>
<td>10</td>
<td>77</td>
<td>12</td>
<td>600</td>
</tr>
<tr>
<td>ESF 10/15 AL</td>
<td>10</td>
<td>4 (±2)</td>
<td>10</td>
<td>77</td>
<td>15</td>
<td>600</td>
</tr>
<tr>
<td>ESF 10/17 AL</td>
<td>10</td>
<td>4 (±2)</td>
<td>10</td>
<td>77</td>
<td>17</td>
<td>600</td>
</tr>
<tr>
<td>ESF 10/25 AL</td>
<td>10</td>
<td>4 (±2)</td>
<td>10</td>
<td>77</td>
<td>25</td>
<td>600</td>
</tr>
<tr>
<td>ESF 10/35 AL</td>
<td>10</td>
<td>4 (±2)</td>
<td>10</td>
<td>77</td>
<td>35</td>
<td>600</td>
</tr>
<tr>
<td>ESF 10/40 AL</td>
<td>10</td>
<td>4 (±2)</td>
<td>10</td>
<td>77</td>
<td>40</td>
<td>600</td>
</tr>
<tr>
<td>ESF 10/50 AL</td>
<td>10</td>
<td>4 (±2)</td>
<td>10</td>
<td>77</td>
<td>50</td>
<td>600</td>
</tr>
<tr>
<td>ESF 10/60 AL</td>
<td>10</td>
<td>4 (±2)</td>
<td>10</td>
<td>77</td>
<td>60</td>
<td>600</td>
</tr>
</tbody>
</table>

All information on load bearing capacity does only apply to non-floating floors.
Further installation heights on request.

**Production length:** 4 m
**ESF 16 AL**
FOR CONTRACTION JOINTS IN FLOORS WITH HIGH LOAD CAPACITY

**MIGUTEC**
JOINT COVERS FOR EXPANSION JOINTS

1. **Solid all-metal expansion joint cover**
   - Hard wearing, maintenance free, long lasting

2. **Small visible surface**
   - Slim design, visible width of cover 10 mm only

3. **High load capacity**
   - Solid aluminium brackets, suitable for hard plastic tyres

4. **MultiHole mounting bracket**
   - for secure fixing

---

**Expansion joint cover**

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width total (b_{f \text{ max}}) [mm]</th>
<th>Total movement (\Delta b_f) [mm]</th>
<th>Visible width (b_s) [mm]</th>
<th>Joint width total (b_t) [mm]</th>
<th>Joint height (h) [mm]</th>
<th>Load bearing capacity (P) [kN]</th>
<th>Load bearing capacity (P) [kN]</th>
<th>Load bearing capacity (P_{\text{solid plastic tyres}}) [kg/mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESF 16/35 AL</td>
<td>10</td>
<td>6 ±3</td>
<td>17</td>
<td>130</td>
<td>35</td>
<td>600</td>
<td>130</td>
<td>8</td>
</tr>
<tr>
<td>ESF 16/45 AL</td>
<td>10</td>
<td>6 ±3</td>
<td>17</td>
<td>130</td>
<td>45</td>
<td>600</td>
<td>130</td>
<td>8</td>
</tr>
<tr>
<td>ESF 16/60 AL</td>
<td>10</td>
<td>6 ±3</td>
<td>17</td>
<td>130</td>
<td>60</td>
<td>600</td>
<td>130</td>
<td>8</td>
</tr>
</tbody>
</table>

All information on load bearing capacity does only apply to non-floating floors.

Larger installation heights on request.

**Production length:** 4 m
**ESF 27 AL**

**FOR CONTRACTION JOINTS IN FLOORS WITH HIGH LOAD CAPACITY**

- Small visible surface
  - Slim design, visible width of cover 27 mm only

- Solid all-metal expansion joint cover
  - Hard wearing, maintenance free, long lasting

- High load capacity
  - Solid aluminium brackets, suitable for hard plastic tyres

- MultiHole mounting bracket
  - for secure fixing

**MIGUTEC**

**JOINT COVERS FOR EXPANSION JOINTS**

---

**Expansion joint cover**

<table>
<thead>
<tr>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Load bearing capacity solid plastic tyres [kN/mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESF 27/25 AL</td>
<td>15</td>
<td>10 (±5)</td>
<td>27</td>
<td>135</td>
<td>25</td>
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<tr>
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<td></td>
<td></td>
<td>600</td>
</tr>
<tr>
<td>ESF 27/30 AL</td>
<td>15</td>
<td>10 (±5)</td>
<td>27</td>
<td>135</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>600</td>
</tr>
<tr>
<td>ESF 27/35 AL</td>
<td>15</td>
<td>10 (±5)</td>
<td>27</td>
<td>135</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>600</td>
</tr>
<tr>
<td>ESF 27/40 AL</td>
<td>15</td>
<td>10 (±5)</td>
<td>27</td>
<td>135</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>600</td>
</tr>
<tr>
<td>ESF 27/55 AL</td>
<td>15</td>
<td>10 (±5)</td>
<td>27</td>
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<td></td>
<td></td>
<td></td>
<td>600</td>
</tr>
</tbody>
</table>

All information on load bearing capacity does only apply to non-floating floors.
Larger installation heights on request.

**Production length**: 4 m
ESF 37 AL
FOR CONTRACTION JOINTS IN FLOORS WITH HIGH LOAD CAPACITY

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. For big contraction joints with relative large movement capacity
2. Solid all-metal expansion joint cover
   Hard wearing, maintenance free, long lasting
3. High load capacity
   Solid aluminium brackets, suitable for hard plastic tyres
4. MultiHole mounting bracket
   for secure fixing

Expansion joint cover          Joint width     Total movement       Visible width     Joint width total   Joint height   Load bearing capacity    Load bearing capacity    Load bearing capacity
                              $b_{f\text{ max}}$   $\Delta b_f$       $b_s$              $b_t$              $h$ (mm)      [kN]                [kN]                [kg/mm]
ESF 37/25 AL                  25            10 ($\pm$5)     37                145               25           600              130                8
ESF 37/30 AL                  25            10 ($\pm$5)     37                145               31           600              130                8
ESF 37/35 AL                  25            10 ($\pm$5)     37                145               36           600              130                8
ESF 37/40 AL                  25            10 ($\pm$5)     37                145               40           600              130                8
ESF 37/55 AL                  25            10 ($\pm$5)     37                145               55           600              130                8

All information on load bearing capacity does only apply to non-floating floors. Larger installation heights on request.
Production length: 4 m
JOINT CONNECTIONS
EXPANSION JOINT COVERS

The matching height and side connection of joint cover lengths is carried out by way of connecting pins that slide into place (series ESF 10, ESF 27 and ESF 37) or by way of sliding of securing anchors to the joint cover buffet (series ESF 16).

Connecting pins that slide into place, example ESF 27/40 AL

Sliding of securing anchors, example ESF 16/45 AL

INSTALLATION NOTE
EXPANSION JOINT COVERS

Expansion joint covers Between the cut-outs of the two aluminium angle joint covers, a joint filler is installed which is not included in the scope of delivery.

Series ESF 8, ESF 9 and ESF 10 : 5 mm,
series ESF 22 NI : 12 mm,
series ESF 16 : 10 mm,
series ESF 27 : 15 mm,
series ESF 37 : 25 mm.

The height of the joint filler depends on the required overall height. The separation must be made down to the raw concrete.

Before installing the expansion joint covers, make sure that the brackets are clean and free of grease. The slotted brackets of the joint cover are pushed into the first freshly applied mortar or screed layer and the joint cover is levelled to the correct height.

Then mortar or screed are used to complete the final surface.

Further intersection variations are available on request
D 12 / DE 12 FOR WALLS AND CEILINGS WITH PLASTER AND TILES

MIGUTEC JOINT COVERS FOR EXPANSION JOINTS

1. **Flexible high quality elastomeric insert**
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. **Large movement capacity**
   Special flexible folded insert (up to 50 m length)

3. **MultiHole mounting bracket**
   for secure fixing

### Standard version

<table>
<thead>
<tr>
<th>Standard version</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
</tr>
</thead>
<tbody>
<tr>
<td>D 12/3</td>
<td>30</td>
<td>10 (±5)</td>
<td>32</td>
<td>110</td>
<td>12</td>
</tr>
<tr>
<td>D 12/5</td>
<td>75</td>
<td>40 (±20)</td>
<td>75</td>
<td>155</td>
<td>12</td>
</tr>
<tr>
<td>D 12/7</td>
<td>100</td>
<td>50 (±25)</td>
<td>100</td>
<td>180</td>
<td>12</td>
</tr>
<tr>
<td>D 12/9</td>
<td>150</td>
<td>100 (±50)</td>
<td>150</td>
<td>230</td>
<td>12</td>
</tr>
<tr>
<td>D 12/13</td>
<td>200</td>
<td>120 (±60)</td>
<td>200</td>
<td>280</td>
<td>12</td>
</tr>
<tr>
<td>D 12/14</td>
<td>250</td>
<td>180 (±90)</td>
<td>250</td>
<td>330</td>
<td>12</td>
</tr>
<tr>
<td>D 12/18</td>
<td>350</td>
<td>200 (±100)</td>
<td>350</td>
<td>430</td>
<td>12</td>
</tr>
</tbody>
</table>

### Corner version

<table>
<thead>
<tr>
<th>Corner version</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
</tr>
</thead>
<tbody>
<tr>
<td>DE 12/4</td>
<td>30</td>
<td>10 (±5)</td>
<td>22</td>
<td>73</td>
<td>12</td>
</tr>
<tr>
<td>DE 12/6</td>
<td>75</td>
<td>40 (±20)</td>
<td>55</td>
<td>113</td>
<td>12</td>
</tr>
<tr>
<td>DE 12/8</td>
<td>100</td>
<td>50 (±25)</td>
<td>80</td>
<td>138</td>
<td>12</td>
</tr>
<tr>
<td>DE 12/11</td>
<td>150</td>
<td>100 (±50)</td>
<td>125</td>
<td>188</td>
<td>12</td>
</tr>
<tr>
<td>DE 12/15</td>
<td>200</td>
<td>120 (±60)</td>
<td>190</td>
<td>238</td>
<td>12</td>
</tr>
<tr>
<td>DE 12/16</td>
<td>250</td>
<td>180 (±90)</td>
<td>220</td>
<td>288</td>
<td>12</td>
</tr>
<tr>
<td>DE 12/22</td>
<td>350</td>
<td>200 (±100)</td>
<td>390</td>
<td>388</td>
<td>12</td>
</tr>
</tbody>
</table>

**Production length:** 4 m

**Standard colours:** Grey. DE 12/3 and DE 12/4 also available Beige.

---

1. Insert for joints D 12/3 and DE 12/4
2. Insert for joints D 12/5 and DE 12/6
3. Insert for joints D 12/7 and DE 12/8
4. Insert for joints D 12/9 and DE 12/11
5. Insert for joints D 12/13 and DE 12/15
MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. High quality elastomeric insert for in- and outdoors
Hard wearing, temperature resistant (-30°C to +120°C), replaceable

2. Large movement capacity
Special flexible folded insert (up to 50 m length)

3. MultiHole mounting bracket
for secure fixing

4. Double protection against water
Due to double sliding of the seating insert within metal joint covers

---

**Standard version**

<table>
<thead>
<tr>
<th>Joint width bt [mm]</th>
<th>Total movement ∆bf [mm]</th>
<th>Visible width bs [mm]</th>
<th>Joint width total b1 [mm]</th>
<th>Joint height h [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>D 15/3</td>
<td>30</td>
<td>10 (-5)</td>
<td>32</td>
<td>110</td>
</tr>
<tr>
<td>D 15/5</td>
<td>75</td>
<td>40 (-20)</td>
<td>75</td>
<td>155</td>
</tr>
<tr>
<td>D 15/7</td>
<td>100</td>
<td>50 (-25)</td>
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<td>180</td>
</tr>
<tr>
<td>D 15/9</td>
<td>150</td>
<td>100 (-50)</td>
<td>150</td>
<td>230</td>
</tr>
<tr>
<td>D 15/13</td>
<td>200</td>
<td>100 (-50)</td>
<td>200</td>
<td>280</td>
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<tr>
<td>D 15/14</td>
<td>250</td>
<td>180 (-90)</td>
<td>250</td>
<td>330</td>
</tr>
<tr>
<td>D 15/18</td>
<td>350</td>
<td>200 (-100)</td>
<td>350</td>
<td>430</td>
</tr>
</tbody>
</table>

**Corner version**

<table>
<thead>
<tr>
<th>Joint width bt [mm]</th>
<th>Total movement ∆bf [mm]</th>
<th>Visible width bs [mm]</th>
<th>Joint width total b1 [mm]</th>
<th>Joint height h [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>D 15/4</td>
<td>30</td>
<td>10 (-5)</td>
<td>32</td>
<td>22</td>
</tr>
<tr>
<td>D 15/6</td>
<td>75</td>
<td>40 (-20)</td>
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<td>55</td>
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<tr>
<td>D 15/8</td>
<td>100</td>
<td>50 (-25)</td>
<td>100</td>
<td>80</td>
</tr>
<tr>
<td>D 15/11</td>
<td>150</td>
<td>100 (-50)</td>
<td>150</td>
<td>125</td>
</tr>
<tr>
<td>D 15/15</td>
<td>200</td>
<td>100 (-50)</td>
<td>200</td>
<td>190</td>
</tr>
<tr>
<td>D 15/16</td>
<td>250</td>
<td>180 (-90)</td>
<td>250</td>
<td>220</td>
</tr>
<tr>
<td>D 15/22</td>
<td>350</td>
<td>200 (-100)</td>
<td>350</td>
<td>390</td>
</tr>
</tbody>
</table>

Production length: 4 m

Standard colours: Grey, DE 15/3 and DE 15/4 also available in Beige.
# MIGUTEC
**JOINT COVERS FOR EXPANSION JOINTS**

**Flexible high quality elastomeric insert**
Hard wearing, temperature resistant (-30°C to +120°C), replaceable

**Large movement capacity**
Special flexible folded insert (up to 50 m length)

**MultiHole mounting bracket**
for secure fixing

**Double protection against water**
Due to double sliding of the sealing insert within metal joint covers

### Standard version

<table>
<thead>
<tr>
<th>Standard version</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
</tr>
</thead>
<tbody>
<tr>
<td>D 20/3</td>
<td>30</td>
<td>10 (±5)</td>
<td>32</td>
<td>111</td>
<td>20</td>
</tr>
<tr>
<td>D 20/5</td>
<td>75</td>
<td>40 (±20)</td>
<td>75</td>
<td>160</td>
<td>20</td>
</tr>
<tr>
<td>D 20/7</td>
<td>100</td>
<td>50 (±25)</td>
<td>100</td>
<td>180</td>
<td>20</td>
</tr>
<tr>
<td>D 20/9</td>
<td>150</td>
<td>100 (±50)</td>
<td>150</td>
<td>230</td>
<td>20</td>
</tr>
<tr>
<td>D 20/13</td>
<td>200</td>
<td>120 (±60)</td>
<td>200</td>
<td>280</td>
<td>20</td>
</tr>
<tr>
<td>D 20/14</td>
<td>250</td>
<td>180 (±90)</td>
<td>250</td>
<td>330</td>
<td>20</td>
</tr>
<tr>
<td>D 20/18</td>
<td>350</td>
<td>200 (±100)</td>
<td>350</td>
<td>430</td>
<td>20</td>
</tr>
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</table>

### Corner version

<table>
<thead>
<tr>
<th>Corner version</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
</tr>
</thead>
<tbody>
<tr>
<td>DE 20/4</td>
<td>30</td>
<td>10 (±5)</td>
<td>25</td>
<td>81</td>
<td>20</td>
</tr>
<tr>
<td>DE 20/6</td>
<td>75</td>
<td>40 (±20)</td>
<td>60</td>
<td>116</td>
<td>20</td>
</tr>
<tr>
<td>DE 20/8</td>
<td>100</td>
<td>50 (±25)</td>
<td>85</td>
<td>141</td>
<td>20</td>
</tr>
<tr>
<td>DE 20/11</td>
<td>150</td>
<td>100 (±50)</td>
<td>130</td>
<td>191</td>
<td>20</td>
</tr>
<tr>
<td>DE 20/15</td>
<td>200</td>
<td>120 (±60)</td>
<td>180</td>
<td>241</td>
<td>20</td>
</tr>
<tr>
<td>DE 20/16</td>
<td>250</td>
<td>180 (±90)</td>
<td>210</td>
<td>291</td>
<td>20</td>
</tr>
<tr>
<td>DE 20/22</td>
<td>350</td>
<td>200 (±100)</td>
<td>380</td>
<td>391</td>
<td>20</td>
</tr>
</tbody>
</table>

**Production length:** 4 m

**Standard colours:** Grey. D20/3 and DE 20/4 also available in Beige.

[Diagram of joint cover installation]

Insert for joints D 20/3 and DE 20/4
Insert for joints D 20/5 and DE 20/6
Insert for joints D 20/7 and DE 20/8
Insert for joints D 20/9 and DE 20/11
Insert for joints D 20/13 and DE 20/15
# MIGUTEC

**JOINT COVERS FOR EXPANSION JOINTS**

- **Very flat design**
- **Flexible high quality elastomeric insert**
  - Hard wearing, temperature resistant (-30°C to +120°C), replaceable
- **Quick and easy installation**
  - Aluminium brackets with cellular rubber sealing strips to compensate for unevenness in the building surface
- **Double protection against water**
  - Due to double sliding of the sealing insert within metal joint covers
- **Large movement capacity**
  - Special flexible folded insert (up to 50 m length)

## FA 25 / FAE 25

**FOR COVERING JOINTS IN WALLS, CEILINGS AND FACADES – SURFACE FIXING**

**Standard version**

<table>
<thead>
<tr>
<th>Joint width</th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Installation height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joint width</td>
<td>Total movement</td>
<td>Joint width total</td>
<td>Installation height</td>
</tr>
<tr>
<td>froze</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
</tr>
<tr>
<td>FA 25/3</td>
<td>30</td>
<td>10 (±5)</td>
<td>111</td>
</tr>
<tr>
<td>FA 25/5</td>
<td>75</td>
<td>40 (±20)</td>
<td>157</td>
</tr>
<tr>
<td>FA 25/7</td>
<td>100</td>
<td>50 (±25)</td>
<td>182</td>
</tr>
<tr>
<td>FA 25/9</td>
<td>150</td>
<td>100 (±50)</td>
<td>232</td>
</tr>
<tr>
<td>FA 25/13</td>
<td>200</td>
<td>120 (±60)</td>
<td>282</td>
</tr>
<tr>
<td>FA 25/14</td>
<td>250</td>
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<td>332</td>
</tr>
<tr>
<td>FA 25/18</td>
<td>350</td>
<td>200 (±100)</td>
<td>432</td>
</tr>
</tbody>
</table>

**Corner version**

<table>
<thead>
<tr>
<th>Joint width</th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Installation height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joint width</td>
<td>Total movement</td>
<td>Joint width total</td>
<td>Installation height</td>
</tr>
<tr>
<td>froze</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
</tr>
<tr>
<td>FA 25/4</td>
<td>30</td>
<td>10 (±5)</td>
<td>69</td>
</tr>
<tr>
<td>FA 25/6</td>
<td>75</td>
<td>40 (±20)</td>
<td>114</td>
</tr>
<tr>
<td>FA 25/8</td>
<td>100</td>
<td>50 (±25)</td>
<td>139</td>
</tr>
<tr>
<td>FA 25/11</td>
<td>150</td>
<td>100 (±50)</td>
<td>189</td>
</tr>
<tr>
<td>FA 25/15</td>
<td>200</td>
<td>120 (±60)</td>
<td>239</td>
</tr>
<tr>
<td>FA 25/16</td>
<td>250</td>
<td>180 (±90)</td>
<td>289</td>
</tr>
<tr>
<td>FA 25/22</td>
<td>350</td>
<td>200 (±100)</td>
<td>389</td>
</tr>
</tbody>
</table>

The expansion joint covers can also be supplied with holes for fixing with screws (distance 300 mm each). Please state exact details of total joint lengths in your order. The folded insert is then supplied in one piece up to approx. 50 m for the complete joint.

**Production length:** 4 m

**Standard colours:** Grey. FA 25/3 and FAE 25/4 also available in Beige.
**FA 12**
FOR COVERING JOINTS IN WALLS, CEILINGS AND FACADES – SURFACE FIXING

**MIGUTEC**
JOINT COVERS FOR EXPANSION JOINTS

1. **Flexible high quality elastomeric insert**
Hard wearing, temperature resistant (-30°C to +120°C)

2. **Large movement capacity**
Special flexible folded insert for movements up to 20 mm

3. **High flexibility of insert**
Suitable for straight and corner joints

4. **Quick and easy installation**
Aluminium brackets with cellular rubber sealing strips to compensate for unevenness in the building surface

---

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Joint width total</th>
<th>Installation height</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>bf max [mm]</td>
<td>∆bf [mm]</td>
<td>bt [mm]</td>
<td>[mm]</td>
</tr>
<tr>
<td>FA 12/5</td>
<td>75</td>
<td>40 (±20)</td>
<td>132</td>
<td>12</td>
</tr>
<tr>
<td>FA 12/7</td>
<td>100</td>
<td>50 (±25)</td>
<td>157</td>
<td>12</td>
</tr>
<tr>
<td>FA 12/9</td>
<td>150</td>
<td>100 (±50)</td>
<td>207</td>
<td>12</td>
</tr>
<tr>
<td>FA 12/13</td>
<td>200</td>
<td>120 (±60)</td>
<td>257</td>
<td>12</td>
</tr>
<tr>
<td>FA 12/14</td>
<td>250</td>
<td>180 (±90)</td>
<td>307</td>
<td>12</td>
</tr>
<tr>
<td>FA 12/18</td>
<td>350</td>
<td>200 (±100)</td>
<td>407</td>
<td>12</td>
</tr>
</tbody>
</table>

The expansion joint covers can also be supplied with holes for fixing with screws (distance 300 mm each). Please state exact details of total joint lengths in your order. The folded insert is then supplied in one piece up to approx. 50 m for the complete joint.

**Production length:** 4 m

**Standard colors:** grey
**DF 35 / DF 41 / DF 50 / DF 58**  
**FOR JOINTS IN WALLS OF SANDWICH TYPE PLASTERBOARD**

**MIGUTEC**  
**JOINT COVERS FOR EXPANSION JOINTS**

1. **Easy installation**  
   by means of nail or screws

2. **Flexible high quality elastomeric insert**  
   Hard wearing, temperature resistant (-30°C to +120°C), replaceable

3. **Same appearance of joints in floor and wall**  
   as the same type of insert is used for both applications by using inserts of series FV 35 (DF 35) resp. FP 55 (DF50)

4. **Solid all-metal expansion joint cover**  
   Hard wearing, maintenance-free, long lasting

---

### Expansion joint cover

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Thickness of sandwich type plasterboard</th>
</tr>
</thead>
<tbody>
<tr>
<td>DF 35</td>
<td>30</td>
<td>10 (±5)</td>
<td>35</td>
<td>125</td>
<td>14</td>
<td>12.5</td>
</tr>
<tr>
<td>DF 41</td>
<td>35</td>
<td>14 (±7)</td>
<td>41</td>
<td>131</td>
<td>14</td>
<td>12.5</td>
</tr>
<tr>
<td>DF 50</td>
<td>50</td>
<td>16 (±8)</td>
<td>48</td>
<td>138</td>
<td>14</td>
<td>12.5</td>
</tr>
<tr>
<td>DF 58</td>
<td>58</td>
<td>22 (±11)</td>
<td>56</td>
<td>146</td>
<td>14</td>
<td>12.5</td>
</tr>
</tbody>
</table>

Expansions joint covers are also available with smooth insert as DFG 35 (joint movement 6 mm ± 3 mm), DFG 41 (joint movement 6 mm ± 3 mm), DFG 50 (joint movement 8 mm ± 4 mm).

This expansion joint cover DF 35 is to be combined with the floor joint FV35. Same applies to DF41 with FV41 and DF50 with FP55.

**Production length:** 3 m  
**Standard colours:** Black, Grey, Beige. DF 35 also in Brown.
**WP 255/22**  
ALL-METAL EXPANSION JOINT COVERS FOR WALLS AND CEILINGS

**MIGUTEC**  
JOINT COVERS FOR EXPANSION JOINTS

1. Solid all-metal expansion joint cover
2. Hard wearing, maintenance-free, long lasting  
   Large movement capacity
3. Designed for movement up to 100 mm  
   Quick and easy installation

### WP 255/22

<table>
<thead>
<tr>
<th>Standard version</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
<th>Corner version</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
</tr>
</thead>
<tbody>
<tr>
<td>WP 255/22</td>
<td>110</td>
<td>100 (±50)</td>
<td>255</td>
<td>255</td>
<td>22</td>
<td>WP 255/22 E2</td>
<td>205</td>
<td>100 (±50)</td>
<td>255</td>
<td>277</td>
<td>22</td>
</tr>
</tbody>
</table>

This expansion joint cover is also available for different joint widths. Details on request.  
**Standard colour:** Aluminium  
**Production length:** 3 m
WPK 50
FOR COVERING JOINTS IN WALLS, CEILINGS AND FACADES

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. Small visible width
   for fixing inside the joint for flush installation in walls- and ceilings

2. Flexible high quality elastomeric insert for internal and external use
   Long wearing, weather resistant, temperature resistant (-30°C bis +120°C)
   Installation tool available on request

3. Available without secondary seal on request
   e.g. for internal use

Expansion joint cover

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
</tr>
</thead>
<tbody>
<tr>
<td>WPK 50</td>
<td>50</td>
<td>45 [-20/+25]</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>46</td>
</tr>
</tbody>
</table>

Please state exact details of total joint lengths in your order.
Production length: 4 m
Standard colors: black, grey
WPK 100
FOR COVERING JOINTS IN WALLS, CEILINGS AND FACADES

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. Small visible width
   for fixing inside the joint for flush installation in walls- and ceilings

2. Flexible high quality elastomeric insert for internal and external use
   Long wearing, weather resistant, temperature resistant (-30°C bis +120°C)
   Installation tool available on request

3. Available without secondary seal on request
   e.g. for internal use

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
</tr>
</thead>
<tbody>
<tr>
<td>WPK 100</td>
<td>100</td>
<td>100 (±50)</td>
<td>100</td>
<td>100</td>
<td>46</td>
</tr>
</tbody>
</table>

Please state exact details of total joint lengths in your order.
Production length: 4 m
Standard colors: black, grey
KF 55 / KFE 55
FOR COVERING JOINTS IN WALLS, CEILINGS AND FACADES

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. Perfect optical appearance
2. Flexible high quality elastomeric insert
   Hard wearing, weather and temperature resistant (-30°C to +120°C)
3. Quick and easy installation
   Special types of corner joints available
   Secure and permanent fixing
   using stainless steel spring clips 20 cm each

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width max. h_f max [mm]</th>
<th>Covering Width b_t [mm]</th>
<th>Joint depth h_min [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>KF 55/1530</td>
<td>15 - 35</td>
<td>50</td>
<td>40</td>
</tr>
<tr>
<td>KF 55/3560</td>
<td>35 - 60 (15 - 35)</td>
<td>75</td>
<td>50</td>
</tr>
<tr>
<td>KFE 55/1531</td>
<td>20 - 35</td>
<td>47</td>
<td>40</td>
</tr>
<tr>
<td>KFE 55/3561</td>
<td>40 - 60</td>
<td>73</td>
<td>50</td>
</tr>
</tbody>
</table>

Continuous steel insert and stainless steel clips (5 spring clips will be supplied per running meter).
Joint covers of series KF 55/1530 and KFE 55/1531 will be normally supplied with the short standard clip K1.
Joint covers can also be supplied with longer clip K2 h_min = 75 mm), if desired (at extra charge).
The KF 55/3560 expansion joint cover is also available with the K1 or K2 clips of expansion joint cover KF 55/1530 for joint width 15 - 35 mm on request. Please state exact details.

Production length: 20 m
Standard colors: grey
KF 250 / KFE 250
FOR COVERING JOINTS IN WALLS, CEILINGS AND FACADES

MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

1. Aluminium cover with stainless steel spring clips
very long durability

2. Secure and permanent fixing
using stainless steel spring clips
Quick and easy installation

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width  ( \text{bf max} ) [mm]</th>
<th>Covering Width [mm]</th>
<th>Joint depth [mm]</th>
<th>Material</th>
<th>Standard color</th>
</tr>
</thead>
<tbody>
<tr>
<td>KF 250/ 30</td>
<td>15-35</td>
<td>50</td>
<td>40</td>
<td>Aluminium</td>
<td>Aluminium</td>
</tr>
<tr>
<td>KFE 250/ 31</td>
<td>15-35</td>
<td>40</td>
<td>40</td>
<td>Aluminium</td>
<td>Aluminium</td>
</tr>
<tr>
<td>KF 250/ 70*</td>
<td>15-35</td>
<td>70</td>
<td>40</td>
<td>Aluminium</td>
<td>Aluminium</td>
</tr>
<tr>
<td>KFE 250/ 71</td>
<td>15-35</td>
<td>50</td>
<td>40</td>
<td>Aluminium</td>
<td>Aluminium</td>
</tr>
<tr>
<td>KF 250/100*</td>
<td>15-35</td>
<td>100</td>
<td>40</td>
<td>Aluminium</td>
<td>Aluminium</td>
</tr>
<tr>
<td>KFE 250/101**</td>
<td>35-60</td>
<td>75</td>
<td>70</td>
<td>Aluminium</td>
<td>Aluminium</td>
</tr>
<tr>
<td>KF 250/150**</td>
<td>35-80</td>
<td>150</td>
<td>70</td>
<td>Aluminium</td>
<td>Aluminium</td>
</tr>
<tr>
<td>KF 250/170**</td>
<td>35-80</td>
<td>170</td>
<td>70</td>
<td>Aluminium</td>
<td>Aluminium</td>
</tr>
</tbody>
</table>

* Special clips for joint width 35-80 mm (joint depth min. 70 mm) are available on request.
** Expansion joint covers are only available with special clips.
4 spring clips will be supplied per length of 3 m for expansion joint covers KF 250/30 to KFE 250/71.
6 spring clips are provided for expansion joint covers KF 250/100 to KF 250/150 and 8 spring clips for KF 250/170.
The aluminium expansion joint covers can be factory-provided anodized or powder coated for significant orders.

Production length: 3 m

KF 250/150 with stainless steel
spring clips

KF 250 / KFE 250 with stainless steel spring clips
**INSTALLATION EXAMPLES**

**KF 250/30**

**KFE 250/31**

**KF 250/70**

**KFE 250/71**

**KF 250/100**

**KFE 250/101**

with special clip
### MIGUTEC

**JOINT COVERS FOR EXPANSION JOINTS**

1. **High quality EPDM material**
   Hard wearing, temperature resistant (-30°C to +120°C)

2. **Easy installation, secure fixing and good surface pressure**
   by special design of the side barbs

3. **High durability**
   due to excellent permanent elasticity of EPDM material

4. **Excellent sound and thermal insulation**
   due to special cellular design of the expansion joint

---

**FB 20**

**FOR PRECAST CONSTRUCTION AND FAIR-FACED IN-SITU CONCRETE**

#### Expansion joint cover

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Joint width required [b_s [mm]]</th>
<th>Total movement</th>
<th>Joint depth [h_2 [mm]]</th>
</tr>
</thead>
<tbody>
<tr>
<td>FB 20/1518</td>
<td>10</td>
<td>6</td>
<td>25</td>
</tr>
<tr>
<td>FB 20/1820</td>
<td>12</td>
<td>6</td>
<td>25</td>
</tr>
<tr>
<td>FB 20/2122</td>
<td>15</td>
<td>7</td>
<td>30</td>
</tr>
<tr>
<td>FB 20/2422</td>
<td>18</td>
<td>7</td>
<td>30</td>
</tr>
<tr>
<td>FB 20/3028</td>
<td>20</td>
<td>12</td>
<td>35</td>
</tr>
<tr>
<td>FB 20/4030</td>
<td>28</td>
<td>14</td>
<td>45</td>
</tr>
<tr>
<td>FB 20/5038</td>
<td>35</td>
<td>20</td>
<td>55</td>
</tr>
<tr>
<td>FB 20/6048</td>
<td>45</td>
<td>20</td>
<td>65</td>
</tr>
</tbody>
</table>

**Production length:** 20 m  
**Standard colors:** black, grey

---

![Diagram of expansion joint covers](image_url)
**CP 50/25**  
FOR PRECAST CONSTRUCTION AND FAIR-FACED IN-SITU CONCRETE

**MIGUTEC**  
JOINT COVERS FOR EXPANSION JOINTS

---

**Application for suspended ceilings**

1. **Simple handling**  
   Perfect combination of rigid edges and flexible concertina-part

2. **Easy application**  
   Light weight allows fast overhead installation

---

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>Total movement</th>
<th>Visible width</th>
<th>Joint width total</th>
<th>Joint height</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$\Delta b_f$ [mm]</td>
<td>$b_s$ [mm]</td>
<td>$b_t$ [mm]</td>
<td>$h$ [mm]</td>
</tr>
<tr>
<td>CP 25/25</td>
<td>50 (± 25)</td>
<td>25</td>
<td>50</td>
<td>25</td>
</tr>
<tr>
<td>CP 50/25</td>
<td>70 (± 35)</td>
<td>50</td>
<td>75</td>
<td>25</td>
</tr>
</tbody>
</table>

Visible width of expansion joint depends on ceiling construction.

*Production length: 4 m*

*Standard colour: Beige.*
**FA 15 / FA 135**

**SPECIAL EXPANSION JOINTS FOR SEALING JOINTS**

*(NOT SUITABLE FOR EXPANSION JOINT)*

**MIGUTEC**

**JOINT COVERS FOR EXPANSION JOINTS**

![Image of MIGUTEC joints](image)

1. **Special PVC**
   Long wearing, weather resistant, temperature resistant (-30°C bis +120°C), extensively resistant to oils, acids and bitumen.

<table>
<thead>
<tr>
<th>Standard version</th>
<th>Joint width max.</th>
<th>Joint width total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$b_f$ [mm]</td>
<td>$b_t$ [mm]</td>
</tr>
<tr>
<td>FA 15/4535</td>
<td>20</td>
<td>45</td>
</tr>
<tr>
<td>FA 15/5538</td>
<td>25</td>
<td>55</td>
</tr>
<tr>
<td>FA 135/20</td>
<td>8</td>
<td>27</td>
</tr>
<tr>
<td>FA 135/35</td>
<td>10</td>
<td>35</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Corner version</th>
<th>Joint width max.</th>
<th>Joint width total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$b_f$ [mm]</td>
<td>$b_t$ [mm]</td>
</tr>
<tr>
<td>FAE 15/3035</td>
<td>20</td>
<td>38</td>
</tr>
<tr>
<td>FAE 15/3638</td>
<td>25</td>
<td>49</td>
</tr>
<tr>
<td>FAE 135/21</td>
<td>8</td>
<td>30</td>
</tr>
</tbody>
</table>

Please always test the suitability by conducting a test installation. These expansion joint covers must be glued in the joint to perform.

**Production length:** 4 m

**Standard colors:** grey
### WALL CONNECTIONS
#### CORNER VERSIONS

These corner versions are available just as well for: FK, FKN, FT, FTN, FG, FNG et 55

<table>
<thead>
<tr>
<th>Expansion joint cover</th>
<th>E1</th>
<th>E3</th>
<th>E4</th>
</tr>
</thead>
<tbody>
<tr>
<td>FL 21 / FLG 21</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FLK 21 / FLT 21</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>FY 35 / FG 35</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FK 35 / FT 35</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FY 41 / FG 41</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FP 55 / FPG 55</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FK 55</td>
<td></td>
<td></td>
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<tr>
<td>FP 55-4S</td>
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<tr>
<td>FP 55 MS-4S</td>
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<td></td>
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<td>FP 65</td>
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<td>FP 65 Ni</td>
<td></td>
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</tr>
<tr>
<td>FGH 65</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>FP 85</td>
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<td></td>
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<tr>
<td>FP 105</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES 20 / ESG 20</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES 33 / ESG 33</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES 39 / ESG 39</td>
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<td></td>
<td></td>
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<tr>
<td>ES 60 / ESG 60</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FN 20 / FNG 20</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FKN 20 / FTN 20</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>FN 35 / FNG 35</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FKN 35 / FTN 35</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>FN 41 / FNG 41</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>FN 50 / FNG 50</td>
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<td></td>
</tr>
<tr>
<td>FKN 50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FN 58</td>
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<tr>
<td>FN 110</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* after consultation

A chart containing all precise dimensions is available for download on www.migua.com
MIGUTEC
JOINT COVERS FOR EXPANSION JOINTS

WALL CONNECTIONS
CORNER VERSIONS

These wall connection versions are also available for the products lines: FK, FKN, FT, FTN, FG, FNG et FPG 55

FL 21, FV 35, FV 41,
ES 20, ES 33, ES 39, ES 60
FP 55, FP 55 4S, FP 55 MS/NI,
FP 65, FP 85, FP 105

FN 20, FN 35, FN 41, FN 50,
FN 58, FN 65, FN 85
MOULDED PARTS EXAMPLES

1

2

3

4

5

6

7

8
LEGAL NOTES

All specifications in this catalogue, in particular the suggestions for processing and use of our products correspond to our current knowledge state. Despite the greatest possible care, we are not able to guarantee that the non-binding information is without errors.

Further, the installation details shown in this catalogue are theoretical in nature and do not represent real objects. We reserve the right to make technical changes.

The current version requested from us or downloaded from www.migua.com applies.

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