



## Technical data

Furniture supply **51** in **U24X**

### Description

#### Description

- System of units and flexible runways to supply work posts from the ceiling, ground or wall to the centre of the furniture unit.
- Fully flexible solutions that do not interfere with user mobility and can be adapted to the space available for the workplace set-up.

#### Characteristics of the flexible runway

- Adjustable flexible runway that caters for all needs.
- Features attachments to ceiling and Unex Trunking 93 and Floor Boxes 52.
- A semi-transparent open runway model that facilitates the routing of cables plus a semi-transparent or graphite closed runway model with encircling rings that conceal and protect the cables.
- Light, mobile design which blends in with the surrounding space, naturally adapting to the aesthetics of the room's furniture and fittings.

#### Characteristics of the furniture box

- Furniture boxes available in two finishes: Anthracite or Grey RAL 7035, offering the widest range of integration with any environment.
- Two-piece mechanism adaptors that allow any modular mechanism available on the market to be easily installed, ensuring a solid, secure mounting.
- The box is expandable, providing a solution to all user needs.
- Sturdy furniture mounting. Withstands plug removal.

#### System advantages

- Independent installation makes expansion and relocation easier without damaging or interfering with the furniture.
- Adaptable to differing furniture thicknesses.
- Furniture boxes can be pre-wired in the workshop before installation.
- Electrical insulation and separation of weak and strong currents.
- The flexible runway protects cables and connections from accidental pulls and inappropriate handling.

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### Quality Marks <sup>(1)</sup>



GOST  
R 50827-2009  
Part 1 to 5  
licence  
n°: POCC ES  
AF19.H01718

### Characteristics

#### RAW MATERIAL

|                                    |   |
|------------------------------------|---|
| Furniture boxes and runway fixings | U24X (See technical data for raw material). |
| Flexible runway                    | PC. (See technical data for raw material).  |
| Flexible runway lid                | Stainless steel.                            |

#### APPLICATIONS

|              |                       |
|--------------|-----------------------|
| Applications | Indoor installations. |
|--------------|-----------------------|

#### SILICONE CONTENTS

|               |        |
|---------------|--------|
| Silicone free | <0,01% |
|---------------|--------|

#### DIRECTIVE 2011/65/EU

|                               |            |
|-------------------------------|------------|
| RoHS Compliant <sup>(1)</sup> | Compliant. |
|-------------------------------|------------|

#### EN 62549:2012

|   |   |
|---|---|
| Minimum application temperature                                       | -5°C  |
| Maximum application temperature                                       | +60°C   |
| Resistance to impact  | 2 J at -5°C   |
| Installation onfloor  | System not intended to be installed onfloor   |
| Electrical continuity characteristic                                  | Without electrical continuity characteristic.   |
| Protection degrees provided by the system according to IEC 60529:1989 | <ul style="list-style-type: none"> <li>■ With Flexible runway 51602 or 51606, without protection degree.</li> <li>■ With Closed rings runway 51601 or 51603, IP2X.</li> </ul> |
| Minimum bending radius  | <ul style="list-style-type: none"> <li>■ 51601, 51603: 95 mm</li> <li>■ 51602, 51606: 30 mm</li> </ul>  |

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#### EN 62549:2012

|  |  |
|--|--|
| Largest outer diameter of the cables to be mounted that can be used within the system  | 13 mm  |
| Smallest outer diameter of the cables to be mounted that can be used within the system | 9 mm   |
| Usable cross-sectional   | <ul style="list-style-type: none"> <li>■ 51601, 51603: 525 mm<sup>2</sup></li> <li>■ 51602, 51606: 670 mm<sup>2</sup></li> </ul>   |
| Glow-wire test   | <ul style="list-style-type: none"> <li>■ Flexible runway, flexible runway lid and flexible runway end cap. Severity degree: 750°C.</li> <li>■ Furniture boxes and trunking adapters. Severity degree: 960°C</li> </ul> |
| Protection against mechanical impact   | IK07. Closed rings runways, 51601, 51603. Furniture boxes and adapters for trunkings supplied with the flexible runway.  |
| Protection against solid particles, applicable to sockets according to IEC 60670-1.    | IP4X. Furniture boxes and adapters for trunkings supplied with the flexible runway.  |
| Fixing for apparatus mounting of socket outlets  | Resistance to extraction of 81 N   |

### Compulsory regulations

#### EUROPEAN DIRECTIVE 2014/35/EU

|            |   |
|------------|---|
| CE Marking | Conformity with standard EN 62549:2011. |
|------------|---|

### Characteristics of U24X raw material

- Base raw material: PVC.
- Silicone contents: <0,01%. <sup>(2)</sup>
- Phthalate contents according to ASTM D2124-99:2004: <0,01%. <sup>(2)</sup>
- Dielectric strength: Insulating.
- Reaction to fire s/UNE 201010:2015: Classification: M2.

### Characteristics of polycarbonate raw material

- Base Raw material: Polycarbonate
- UL flammability tests on plastic materials according to ANSI/UL 94: 1990: degree UL94 V2 <sup>(3)</sup>

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### Notes

1. Except for new part numbers, which are under process of obtaining quality marks and approvals. See updated information of each part number on [www.unex.net](http://www.unex.net)
2. Detection limit for the analytical technique applied.
3. All features marked are based on random tests of the material in the manufacture of our products. However, they only reflect the values accepted by the raw material manufacturers, which are provided only as information and guidance.

\* All information contained herein is completely objective and is the result of a wide experience in satisfying our costumers' requirements . For more details, please visit our website.

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