



The Rexroth Profile with Nut 10 is known for its versatility and stability, making it ideal for constructions in event technology as well as industrial applications.

- Profile Holes: The profile features two holes at the ends, enabling flexible attachment and expansion options.
- Threaded End Hole: Each end of the profile includes an M12 threaded hole, providing an additional mounting option to facilitate the installation of accessories.

These features make the Nut 10 profile an excellent choice for stable and adaptable constructions.

Technical Specifications

Dimension in mm	L (variabel) x W40 x H40
Special feature	Mounting for Flex Frame
Max Load*	Refer to Table
Weight	1,5kg/m
Type	Flex Serie
Material	Aluminium
Colour	black, RAL 9005
Surface	anodized

Optional Accessories

Flex Bridge Muffin, Flex Frame Profile Connector, Flex Airline Stand, Flex Frame 3-way Corner, Flex Frame 45° Corner

Load Table for Flex Frame

Span	Uniform distribution	Deflection*	Center point load	Deflection*
0,5m	250 kg/m	0,7mm	140kg	0,7mm
1,0m	140 kg/m	2,2mm	70kg	2,2mm
1,5m	60 kg/m	4,8mm	45kg	4,8mm
2,0m	35 kg/m	9mm	35kg	9mm
2,5m	20 kg/m	16mm	27kg	14mm
3,0m	14 kg/m	23mm	22kg	21mm
3,5m	10 kg/m	28mm	18kg	29mm
4,0m	7 kg/m	37mm	15kg	36mm

*Deflection specified under the given load

The dead load of the Flex Frame is considered in the load table.

Load Specifications According to Load Case 1 (Profile Supported on Two Hinged Supports)

Load Specifications with Safety Factor Consideration