

Fire Rated Product Matrix

All figures shown below are absolute loads. For safety factors of ambient temperature loads, please contact Gripple Technical Services for more information.

3rd Party Fire Tested to BS 476 (ISO 834) Fire Curve Temperatures				
Temperature	842°C	945°C	1006°C	1049°C
Test Duration	30 mins (FR30)	60 mins (FR60)	90 mins (FR90)	120 mins (FR120)
Fast Trak - Standard				
Top 'n' Orientation (All sizes)	85 kg	65 kg	55 kg	48 kg
Bottom 'u' Orientation (with Fire Fastener)** (All sizes)	60 kg	60 kg	60 kg	44 kg
Side 'c' Orientation (All sizes)	80 kg	60 kg	54 kg	41 kg
Fast Trak - Low Profile				
Low Profile (All sizes)	80 kg	75 kg	60 kg	48 kg
Fast Trak - Side Loading (Single Load)				
Single Load 180	15 kg	15 kg	15 kg	15 kg
Fast Trak - Side Loading (Twin Load)				
Twin Load 200	15 kg (7.5 kg per side)	15 kg (7.5 kg per side)	15 kg (7.5 kg per side)	10 kg (5 kg per side)
Twin Load 300	15 kg (7.5 kg per side)	15 kg (7.5 kg per side)	15 kg (7.5 kg per side)	10 kg (5 kg per side)
Twin Load 400	15 kg (7.5 kg per side)	15 kg (7.5 kg per side)	15 kg (7.5 kg per side)	10 kg (5 kg per side)
Fast Trak - Segregated				
Segregated (All sizes)	40 kg	40 kg	20 kg	10 kg
Universal Bracket				
Top 'n' Orientation (All sizes)	85 kg	65 kg	55 kg	48 kg
Side 'c' Orientation (All sizes)	80 kg	60 kg	54 kg	41 kg
Low Profile Bracket				
Low Profile (All sizes)	90 kg	45 kg	45 kg	45 kg
Accessories				
J-Hook	1.25 kg	1.25 kg	1.25 kg	1.25 kg

3rd Party Fire Tested to BS 476 (ISO 834) Fire Curve Temperatures				
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Test Duration	30 mins (FR30)	60 mins (FR60)	90 mins (FR90)	120 mins (FR120)
Gripple Fire Rated Hangers				
HF2...SS-F	15 kg	7.5 kg	2.5 kg	2.5 kg
HF3...SS-F	45 kg	20 kg	10 kg	10 kg
Gripple FR Y-Fit Accessories				
AY2-HG...SS-F - Snap Hook End Fixing	15 kg	*2.5 kg	2.5 kg	2.5 kg
AY3-HG...SS-F - Snap Hook End Fixing	45 kg	20 kg	10 kg	–
AY2-KS...SS-F - Karabiner (8-80S) End Fixings	15 kg	7.5 kg	2.5 kg	–
AY3-KS...SS-F - Karabiner (8-80S) End Fixings	25 kg	20 kg	10 kg	–
Gripple Trapeze Plus FR Hangers				
MTZ2...SS-F	15 kg	7.5 kg	2.5 kg	2.5 kg
MTZ3...SS-F	45 kg	20 kg	10 kg	10 kg
MTZ4...F	100 kg	50 kg	25 kg	25 kg
Gripple Trapeze Plus FR Hangers with Cable Basket Adaptor				
MTZ2...SS-CBA-F	15 kg	7.5 kg	2.5 kg	2.5 kg
Gripple Trapeze Plus FR Hangers - Side Exit				
MTS2...SS-F	15 kg	7.5 kg	2.5 kg	2.5 kg
MTS3...SS-F	45 kg	20 kg	10 kg	10 kg
Gripple G-Brackets				
G100	30 kg	30 kg	15 kg	–
G200	30 kg	30 kg	15 kg	–
G300	30 kg	15 kg	15 kg	–
G400	30 kg	15 kg	15 kg	–
Fire Rated Clips				
FRC-S-100-P-SS-F (Fire Rated Clip - Single)	0.24 kg	–	–	–
FRC-D-100-P-SS-F (Fire Rated Clip - Double)	2 x 0.24 kg	–	–	–

	Loop	M8 Stud	M8 Channel Nut	M10 Stud	Eyelet	90° Eyelet	Toggle
Gripple Fire Rated Hangers							
HF2...SS-F	∅	∅	∅	–	∅	∅	–
HF3...SS-F	∅	∅	∅	–	∅	o	∅
Gripple Trapeze Plus FR Hangers							
MTZ2...SS-F	∅	∅	∅	–	∅	∅	∅
MTZ3...SS-F	∅	∅	∅	–	∅	o	∅
MTZ4...F	–	–	–	∅	–	–	–
Gripple Trapeze Plus FR Hangers with Cable Basket Adaptor							
MTZ2...SS-CBA-F	∅	∅	∅	–	∅	∅	∅
Gripple Trapeze Plus FR Hangers - Side Exit							
MTS2...SS-F	∅	∅	∅	–	∅	∅	∅
MTS3...SS-F	∅	∅	∅	–	∅	o	∅

Notes

British Standards Institution, BS 476-20:1987, Fire tests on building materials and structures Part 20: Method for the determination of the fire resistance of elements of construction (general principles), BSI London, 1987. This standard refers to the ISO834 Fire Curve.

*Fire Fastener needed when used in a 'u' orientation (i.e. channel side up)

**Gripple Universal Bracket and Fast Trak loading values are for uniformly distributed load (UDL)

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Key	
–	End Fixing unavailable
∅	F30, F60, F90 and F120 available
o	F30, F60 and F90 only