

Rittal – The System.

Faster – better – everywhere.



SV 3578.005 Laminated copper bars

State: 30/04/2025 (Source: rittal.com/uk-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SV 3578.005 - Laminated copper bars

Cu lamina made of high-purity electrolyte copper 720, length: 2000 mm/bar.



Features

Model No.	SV 3578.005
Material	Cu lamina High-purity electrolyte copper F20 Insulation: Highly resistant vinyl compound, elongation 370%, temperature: -30 °C...+105 °C, fire protection corresponding to UL-94 V0, dielectric strength: 20 kV/mm
Length	2,000 mm
Rated current for temperature increase 50 K	1,365 A
Rated current for temperature increase 30 K	1,030 A
Rated current for temperature increase 70 K	1,635 A
Note	Construction = Number of lamina x lamina width x lamina thickness May be cut individually to required length The conductor temperature of the laminated copper bar is derived by adding the ambient temperature and the temperature increase together. Example: 3565.005 carrying 180 A, i.e. the temperature increases by 30 K. At an ambient temperature of 35 °C, this produces a resultant conductor temperature of 35 °C + 30 K = 65 °C.

Features

Version – laminated flat copper	Number of lamina: 10 Membrane width: 50 mm Membrane thickness: 1 mm
Packs of	1 pc(s).
Net weight	9.858
Gross weight	10.377
Copper weight (kg per piece)	8.96
Customs tariff number	74071000
EAN	4028177666849
ETIM 9	EC001522
ETIM 8	EC001522
ECLASS 8.0	27370303

Approvals

Approvals	UR + C-UR (recognized)
Explanations	Declaration of conformity Declaration of conformity UK