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## SV 3577.005 Laminated copper bars

State: 18/08/2025 (Source: [rittal.com/uk-en](http://rittal.com/uk-en))

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FRIEDHELM LOH GROUP



# SV 3577.005 - Laminated copper bars

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



## Features

|  |   |
|--|---|
| Model No.                                      | SV 3577.005   |
| Material                                       | Cu lamina High-purity electrolyte copper F20<br>Insulation: Highly resistant vinyl compound, elongation 370%,<br>temperature: -30 °C...+105 °C, fire protection corresponding to UL-94<br>V0, dielectric strength: 20 kV/mm   |
| Length   | 2,000 mm  |
| Rated current for temperature<br>increase 50 K | 940 A   |
| Rated current for temperature<br>increase 30 K | 710 A   |
| Rated current for temperature<br>increase 70 K | 1,125 A   |
| Note   | Construction = Number of lamina x lamina width x lamina thickness<br>May be cut individually to required length<br>The conductor temperature of the laminated copper bar is derived<br>by adding the ambient temperature and the temperature increase<br>together. Example: 3565.005 carrying 180 A, i.e. the temperature<br>increases by 30 K. At an ambient temperature of 35 °C, this<br>produces a resultant conductor temperature of 35 °C + 30 K = 65 °C. |

# Features

|                                 |  |
|---------------------------------|--|
| Version – laminated flat copper | Number of lamina: 5<br>Membrane width: 50 mm<br>Membrane thickness: 1 mm |
| Packs of                        | 1 pc(s).   |
| Net weight                      | 9.841  |
| Gross weight                    | 10.359   |
| Copper weight (kg per piece)    | 4.45   |
| Customs tariff number           | 74071000   |
| EAN                             | 4028177666832  |
| ETIM 9                          | EC001522   |
| ETIM 8                          | EC001522   |
| ECLASS 8.0                      | 27370303   |

# Approvals

|              |   |
|--------------|---|
| Approvals    | UR + C-UR (recognized)                                    |
| Explanations | Declaration of conformity<br>Declaration of conformity UK |