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## SV 3574.005

# Laminated copper bars

State: 2026.7.3 (Source: [rittal.com/lt-en](http://rittal.com/lt-en))

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FRIEDHELM LOH GROUP



# SV 3574.005 - Laminated copper bars

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



## Features

|  |  |
|--|--|
| Model No.                                      | SV 3574.005  |
| Material                                       | Cu lamina High-purity electrolytic 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 | 965 A  |
| Rated current for temperature<br>increase 30 K | 730 A  |
| Rated current for temperature<br>increase 70 K | 1,155 A  |

# Features

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|                                 |   |
|---------------------------------|---|
| 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 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. |
| Version – laminated flat copper | Number of lamina: 10<br>Membrane width: 32 mm<br>Membrane thickness: 1 mm   |
| Packs of                        | 1 pc(s).  |
| Net weight                      | 6.198 kg  |
| Gross weight                    | 6.44 kg   |
| Copper weight (kg per piece)    | 5.73  |
| Customs tariff number           | 85446010  |
| ETIM 9                          | EC001522  |
| ETIM 8                          | EC001522  |
| ECLASS 8.0                      | 27370303  |
| Product description             | SV Laminated copper bar, WH: 32x10 mm, L: 2000 mm   |

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# Approvals

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

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