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## SV 3574.005

# Laminated Copper Bar

State: 2026-04-04 (Source: [rittal.com/ca-en](https://www.rittal.com/ca-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

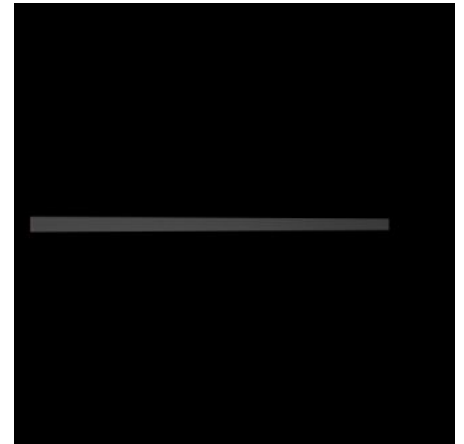
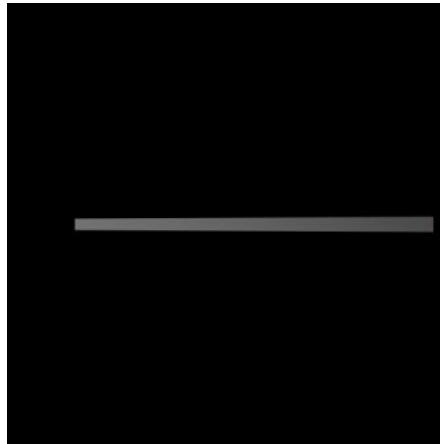
SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SV 3574.005 - Laminated Copper Bar

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



## Features

|   |  |
|---|--|
| Model No.                                   | SV 3574.005  |
| Material                                    | Cu lamina: High-purity electrolyte copper<br>Insulation: Highly resistant vinyl blend, expansion 370%,<br>temperature: -30°C ... +105°C, fire protection according to UL-94 V0,<br>dielectric strength: 20 kV/mm |
| Length                                      | 2,000 mm   |
| Rated current for temperature increase 50 K | 965 A  |
| Rated current for temperature increase 30 K | 730 A  |
| Rated current for temperature increase 70 K | 1,155 A  |

# Features

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|                               |   |
|-------------------------------|---|
| Note                          | Assembly = number of layers x layer width x layer thickness<br>May be cut to length as required<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. |
| Laminated flat copper version | Number of lamina: 10<br>Lamina width: 32 mm<br>Lamina thickness: 1 mm   |
| Packaging unit                | 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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