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| <b>Article number:</b>                | <b>52300</b>   |
| <b>Product image:</b>                 |    |
| <b>Catalog description:</b>           | <ul style="list-style-type: none"> <li>• For brazing steel, copper, nickel, nickel alloys, cast iron and hard metals</li> <li>• Also suitable as welding rods for welding brass and bronze</li> <li>• High hardness and tensile strength, high operating temperature and good flow properties</li> <li>• Cu 773, DIN EN ISO 17672</li> <li>• Flux coating FH 21, DIN EN ISO 18496</li> <li>• Melting/working temperature: approx. 910 °C</li> <li>• 5 rods (2.0 mm diameter, 333 mm length)</li> </ul> |
| <b>Designation:</b>                   | Nickel silver brazing alloy NH 300   |
| <b>Category:</b>                      | Brazing rods   |
| <b>Intended use:</b>                  | For brazing steel, copper, nickel, nickel alloys, cast iron and hard metals. Also suitable as welding rods for welding brass and bronze. The nickel-containing nickel silver brazing alloy is characterized by its high hardness and tensile strength, high application temperature and good flow properties.  |
| <b>Composition:</b>                   | Cu 773<br>(according to DIN EN ISO 17672)<br>Flux coating FH 21 (according to DIN EN ISO 18496)  |
| <b>Special feature:</b>               | Tensile strength up to 800 N/mm <sup>2</sup> on chrome-nickel steel and approx. 400-450 N/mm <sup>2</sup> on mild steel  |
| <b>Use with:</b>                      | Can optionally be used with flux for silver solder (CFH-No. 52343) and/or soldering water (CFH-No. 52344).   |
| <b>Melting / working temperature:</b> | approx. 910 °C   |
| <b>Diameter / length:</b>             | 2,0 mm / 333 mm  |

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| <b>Contents:</b>      | 5 bars   |
| <b>Length approx:</b> | 335 mm   |
| <b>Width approx:</b>  | 4 mm   |
| <b>Height approx:</b> | 4 mm   |
| <b>Weight:</b>        | 55 g   |
| <b>Standard:</b>      | DIN EN ISO 17672,<br>DIN EN ISO 18496<br>(old DIN EN 1045) |

Subject to technical and visual changes.

Status: May 2024