



Regulatory Data Sheet

Copyright,2021, 3M Company.

All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

This Regulatory Data Sheet is provided as a courtesy in response to a customer request.

Document Group:	39-2483-4	Version Number:	7.00
Issue Date:	07/30/21	Supersedes Date:	05/04/21

3M™ Round Conductor Flat, HF447 Series, HF447/XX

Product Identification Numbers

80-0012-5773-4, 80-0012-5774-2, 80-0012-5775-9, 80-0012-5776-7, 80-0012-5777-5, 80-0012-5778-3, 80-0012-5779-1, 80-0012-5780-9, 80-0012-5781-7, 80-0012-5782-5, 80-0012-5783-3, 80-0012-5784-1, 80-0012-5785-8, 80-0012-5786-6, 80-0012-5787-4, 80-0012-5788-2, 80-0014-2314-6, 80-0014-2315-3, 80-0014-2316-1, 80-0014-2317-9, 80-0014-2318-7, 80-0014-2319-5, 80-0014-2320-3, 80-0014-2321-1, 80-0014-2322-9, 80-0014-2323-7, 80-0014-2324-5, 80-0014-2325-2, 80-0014-2326-0, 80-0014-2327-8, 80-0014-2328-6, 80-0014-2329-4, 80-0014-2330-2, 80-0014-2331-0, 80-0014-2332-8, 80-0014-2333-6, 80-0014-2334-4, 80-0014-2335-1, 80-0014-2336-9, 80-0014-2337-7, 80-0014-2338-5, 80-0014-2339-3, 80-0014-2340-1, 80-0014-2341-9, 80-0014-2342-7, 80-0014-2343-5, 80-0014-2344-3, 80-0014-2345-0, 80-0014-2346-8, 80-0014-2347-6, 80-0014-2348-4, 80-0014-2349-2, 80-0014-2350-0, 80-0014-2351-8, 80-0014-2362-5, 80-0014-2363-3, 80-0014-2364-1, 80-0014-2365-8, 80-0014-2366-6, 80-0014-2367-4
7100161969, 7100161970, 7100161971, 7100142159, 7100161972, 7100142151, 7100161973, 7100161974, 7100142062, 7100142056, 7100161975, 7100142057, 7100161976, 7100142162, 7100161977, 7100161978, 7100142160, 7100142076, 7100142058, 7100142065, 7100142066, 7100142067, 7100162079, 7100162080, 7100162081, 7100165784, 7100162082, 7100162083, 7100162084, 7100162085, 7100162086, 7100162087, 7100162088, 7100162089, 7100162090, 7100162091, 7100162092, 7100162093, 7100162094, 7100162095, 7100162096, 7100162097, 7100162098, 7100162099, 7100162100, 7100162101, 7100162102, 7100162103, 7100162104, 7100162105, 7100162106, 7100162107, 7100162108, 7100162109, 7100162110, 7100162111, 7100162112, 7100162113, 7100162114, 7100162115

3M
Electronics Materials Solutions Division
3M Center, St. Paul, MN 55144-1000, USA
1-888-3M HELPS (1-888-364-3577)

RDSs are available at www.3M.com

Regulations and Industry Standards

SDS (US OSHA)

This product is an article and therefore is not subject to the requirements of the US Occupational Safety and Health Administration's (OSHA) Hazardous Communications Standard 29 CFR 1910.1200(b)(6)(v) to provide a Safety Data Sheet (SDS).

China RoHS

This product or part does not exceed the maximum concentration values (MCVs) in China RoHS GB/T 26572-2011 (Requirements of Concentration limits for certain restricted substances in electrical and electronic products), which means

that each of the homogeneous materials within this product is below the following MCVs: (a) 0.1% (by weight) for lead and its compounds, mercury and its compounds, hexavalent chromium and its compounds, polybrominated biphenyls or polybrominated diphenyl ethers; and (b) 0.01% (by weight) for cadmium and its compounds.

Conflict Minerals

On August 22, 2012, the Securities and Exchange Commission (SEC) adopted final rules on conflict minerals reporting, pursuant to Section 1502 of the Dodd-Frank Act which requires manufacturers of products containing “conflict minerals” to disclose to the SEC whether those minerals are sourced from the Democratic Republic of Congo (DRC) or adjoining countries. 3M has been participating in the EICC-GeSI Extractives Workgroup, and are incorporating the EICC-GeSI Conflict Minerals Reporting template in existing systems for use with suppliers of materials that may contain conflict minerals covered by the SEC rules. 3M will provide product-specific information once the required supply chain data has been obtained.

EU REACH

Substances listed in Annex XIV of Regulation No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) are not intentionally added to this product.

EU REACH

Substances listed in Annex XVII of Regulation No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) are not intentionally added to this product.

EU REACH

This product is an article, without intended release of a chemical substance, under the Regulation No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (refer to REACH, Article 3(3)). It is not a chemical preparation. Therefore, it is not subject to the (pre)-registration or the registration process. It does not require a safety data sheet.

EU REACH

This product, including any article that the product is composed of, does not contain at greater than 0.1% by weight a Substance of Very High Concern (SVHC) substance identified according to Article 59 of REACH. This declaration reflects the substances on the candidate SVHC list, effective July 2021.

EU RoHS

This product does not exceed the maximum concentration values (MCVs) set under EU Directive 2011/65/EU (RoHS recast/RoHS 2), as stated in Annex II to that directive. This means that each of the homogenous materials within this product does not exceed the following MCVs: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; and (b) 0.01% (by weight) for cadmium.

EU RoHS Phthalates

This product does not exceed the maximum concentration values (MCVs) for phthalates set under EU Directive 2011/65/EU (RoHS recast/RoHS 2), as amended by EU 2015/863, which applies to finished EEE after July 22, 2019 for Category 1-7, 10-11 products and after July 22, 2021 for Category 8 and 9 products. This means that each of the homogeneous materials within this product does not exceed the MCV of 0.1% (by weight) for each of the following phthalates: DEHP, BBP, DBP, and DIBP.

Sustainability and 3M

Go to www.3M.com/sustainability to learn about 3M's programs. 3M is a signatory of the United Nations Global Compact (UNGC).

Sustainability and 3M's Code of Conduct

Go to www.3M.com/businessconduct

TSCA Section 6

This product is not known to contain 2,4,6-Tri-tert-butylphenol (CAS 732-26-3).

TSCA Section 6

This product is not known to contain Decabromodiphenyl Ether (Deca-BDE) (CAS 1163-19-5).

TSCA Section 6

This product is not known to contain Hexachlorobutadiene (HCBd) (CAS 87-68-3).

TSCA Section 6

This product is not known to contain Pentachlorothiophenol (PCTP) (CAS 133-49-3).

TSCA Section 6

This product is not known to contain Phenol, isopropylated phosphate (3:1) (PIP (3:1)) (CAS 68937-41-7).

Chemicals and/or Compounds of Interest

Antimony and (Sb) Compounds : Not intentionally added.
Arsenic and (As) Compounds : Not intentionally added.
Asbestos : Not intentionally added.
Beryllium and (Be) Compounds : Not intentionally added.
Bisphenol A (BPA) (CAS 80-05-7) : Not intentionally added.
Butyl Benzyl Phthalate (BBP) (CAS 85-68-7) : Not intentionally added.
Cadmium and (Cd) Compounds : Not intentionally added.
Chromium and (Cr) Compounds : Not intentionally added.
Decabromodiphenyl Ether (Deca-BDE) (CAS 1163-19-5) : Not intentionally added.
Di(2-Ethylhexyl) Phthalate (DEHP) (CAS 117-81-7) : Not intentionally added.
Dibutyl Phthalate (DBP) (CAS 84-74-2) : Not intentionally added.
Diisobutyl Phthalate (DIBP) (CAS 84-69-5) : Not intentionally added.
Flame Retardants (not PBB or PBDE) : Not intentionally added.
Halogenated Compounds : Bromine, chlorine, fluorine, iodine or chemical compounds containing them are not intentionally added.
Halogenated Flame Retardants : Not intentionally added.
Hexavalent Chromium and (Cr+6) Compounds : Not intentionally added.
Lead and (Pb) Compounds : Not intentionally added.
Mercury and (Hg) Compounds : Not intentionally added.
Natural Rubber Latex : Not intentionally added.
Natural Rubber Latex : This product is not made with natural rubber latex.
Nickel and (Ni) Compounds : Not intentionally added.
Nuts : Not intentionally added.
Ozone Depleting Chemicals (ODCs) : Not intentionally added.
Perfluorooctanoic Acid (PFOA) (CAS 335-67-1) : Not intentionally added.
Polybrominated Biphenyls (PBB) : Not intentionally added.
Polybrominated Diphenylethers (PBDE) : Not intentionally added.
Polyvinyl Chloride (PVC) : Not intentionally added.

Disclaimers: The information provided in this document related to material content represents 3M's knowledge and belief, which may be based in whole or in part on information provided by suppliers to 3M. This is intended to answer commonly asked questions about 3M products and is not intended to be a comprehensive listing of all substances that may be of interest or that may be regulated in this or other 3M products, nor is it intended to be a comprehensive summary of any and all regulations that may apply to this product. Where substances are listed, their listing does not infer or constitute a judgment as to their safety, environmental or health impacts. Information is supplied upon the condition that the persons receiving the same will make their own determination as to its suitability for their purposes prior to use. Customers are encouraged to consult with legal and regulatory experts to determine applicable regulations in light of intended use of the product.

Limitation of Remedies and Liability: In the event any Product is proven not to conform with the information in this document, then to the extent permitted by law, 3M's entire liability and Buyer's exclusive remedy, will be at 3M's option either: (i) replacement of Product with a conforming product, or (ii) refund of the purchase price paid by Buyer for each non-conforming Product, within a reasonable time after written notification of said non-conformance and return of said Product to 3M. 3M shall not under any circumstances be liable for direct, incidental, special, or consequential damages (including but not limited to loss of profits, revenue, or business) related to or arising out of this certification, including, the use, misuse or inability to use the Product. Unless stated otherwise in writing, the foregoing language cannot be waived, modified, or supplemented in any manner whatsoever.