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Insulator, Bushing

5970-01-252-9177

NSN 5970-01-252-9177 · NIIN 012529177 · Part number 516-0053-015

Amphenol Printed Circuits Inc · FSC 5970 — Electrical Insulators and Insulating Materials · FSG 59 — Electrical and Electronic Equipment Components · CAGE 57034

 **GOVERNMENT RECORD, CITED**

NSN 5970-01-252-9177 — this item is cataloged by the U.S. Government under National Stock Number 5970-01-252-9177. Manufacturer of record part number: **516-0053-015**.

ALSO SEARCHED AS 5970-01-252-9177 · 5970012529177 · NIIN 012529177 · 01-252-9177 · FSC 5970 Electrical Insulators and Insulating Materials · CAGE 57034 · 516-0053-015 · 007-0090-000 · 11569909-003

NEARBY STOCK NUMBERS ← 5970-01-252-9176 Insulator, Plate · 5970-01-252-9178 Insulator, Bushing →

FEATURES

- Insulator,bushing — FSC 5970
- Inside Diameter: 0.090 INCHES MINIMUM AND 0.096 INCHES MAXIMUM IN
- Material: PLASTIC POLYHEXAMETHYLENE ADIPAMIDE AND GLASS FIBER OVERALL
- 2 manufacturer part numbers on file
- Manufacturer of record: Amphenol Printed Circuits Inc

IDENTIFICATION

- NSN: 5970-01-252-9177
- NIIN: 012529177
- FSC: 5970 — Electrical Insulators and Insulating Materials
- FSG: 59 — Electrical and Electronic Equipment Components
- Primary part number: 516-0053-015
- Manufacturer: Amphenol Printed Circuits Inc

GENERAL DESCRIPTION

The Insulator,bushing, cataloged under National Stock Number 5970-01-252-9177, is classified within Federal Supply Class 5970 (Electrical Insulators and Insulating Materials) of the Electrical and Electronic Equipment Components group. The manufacturer of record is Amphenol Printed Circuits Inc. Government technical data includes 2 specifications, cited from the U.S. Government catalog. The record lists 2 manufacturer part numbers for this item, enabling identification through both NSN and commercial part number lookups. 3 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog. Current acquisition status: Active.

TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
NSN	5970-01-252-9177
Primary Part Number	516-0053-015
Item Name	Insulator,bushing
FSC / FSG	5970 / 59 — Electrical Insulators and Insulating Materials
Manufacturer	Amphenol Printed Circuits Inc
Status	ACTIVE
Inside Diameter	0.090 INCHES MINIMUM AND 0.096 INCHES MAXIMUM IN
Material	PLASTIC POLYHEXAMETHYLENE ADIPAMIDE AND GLASS FIBER OVERALL

LIFECYCLE & COMPLIANCE

Acquisition Status	ACTIVE
DEMIL Code	DEMIL A – NO DEMILITARIZATION REQUIRED
Hazard	POSSIBLE HAZARD – SDS MAY BE REQUIRED (DLA HMIC P)
Criticality Code	X

CROSS-REFERENCE INDEX

PART NUMBER	MANUFACTURER
516-0053-015 PRIMARY	Amphenol Printed Circuits Inc (USA)
007-0090-000 PRIMARY	Dcx-Chol Enterprises, Inc. DbA Masterite Division (USA)

REFERENCE DOCUMENTS

REFERENCE	MEANING
516-0053-015	5/9 Secondary reference Amphenol Corporation DbA Amphenol Tcs Div Amphenol Tcs
516-0053-015	5/9 Secondary reference Amphenol Corp Div Amphenol Aerospace Operations
11569909-003	7/2 Vendor item drawing reference Us Army Aviation and Missile Command

No interchangeability data on file.

OTHER ITEMS IN FSC 5970 – ELECTRICAL INSULATORS AND INSULATING MATERIALS

Items in the same Federal Supply class. No interchangeability or substitution relationship is implied.

5970-00-001-1330 5970-00-001-1330 · Item name not on file	5970-00-001-1357 INSULATOR,BUSHING	5970-00-001-1418 INSULATOR,BUSHING	5970-00-001-1420 INSULATOR,PLATE
5970-00-001-1472 INSULATOR,PLATE	5970-00-001-1476 INSULATOR,WASHER	5970-00-001-1477 5970-00-001-1477 · Item name not on file	5970-00-001-1479 5970-00-001-1479 · Item name not on file

FREQUENTLY ASKED QUESTIONS

What is NSN 5970-01-252-9177?

NSN 5970-01-252-9177 is a Insulator,bushing, manufactured by Amphenol Printed Circuits Inc, classified under FSC 5970, Electrical Insulators and Insulating Materials. Status: active.

What part numbers are listed for NSN 5970-01-252-9177?

NSN 5970-01-252-9177 has 2 manufacturer part numbers on file: 516-0053-015 (Amphenol Printed Circuits Inc), 007-0090-000 (Dcx-Chol Enterprises, Inc. DbA Masterite Division).

What are the specifications of 516-0053-015?

Key specifications for 516-0053-015: Overall Height: 0.160 INCHES NOMINAL IN; Inside Diameter: 0.090 INCHES MINIMUM AND 0.096 INCHES MAXIMUM IN; Material: PLASTIC POLYHEXAMETHYLENE ADIPAMIDE AND GLASS FIBER OVERALL. 2 specifications are documented in the U.S. Government catalog.

Is NSN 5970-01-252-9177 hazardous material?

Possible hazard — SDS may be required (DLA HMIC P). Hazard information on this page is shown exactly as it appears in the DLA record.

SOURCES

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-16.
U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

PartsTable — the parts reference. Every fact cited to its source.
partstable.com/parts/5970-01-252-9177

✓ Data cited from the U.S. Government catalog; commercial cross-references from OEM and certified industry sources.
 PartsTable Design LLC · partstable.com