

MRO / Pipe, Tubing, Hose, and Fittings / 4720-00-007-1408

Hose Assembly, Nonmetallic

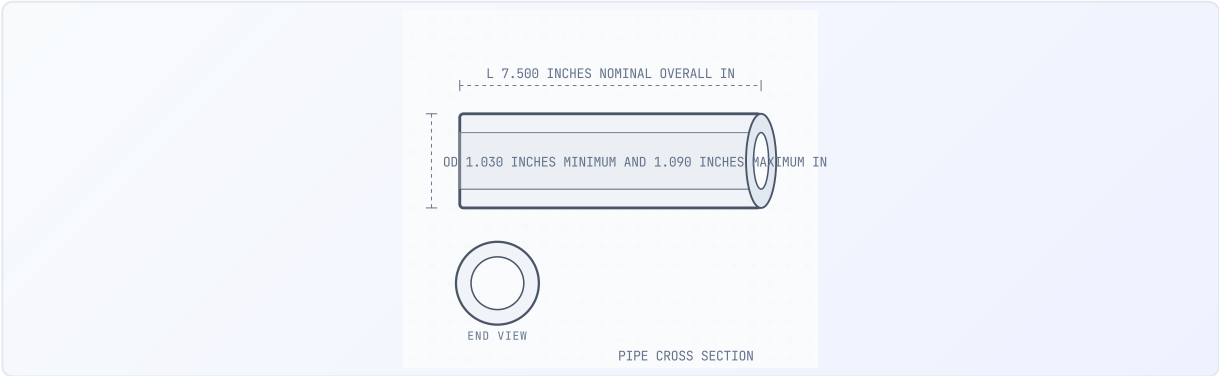
4720-00-007-1408

NSN 4720-00-007-1408 · NIIN 000071408 · Part number RS159000012-0074
 Smiths Tubular Systems-Laconia, Inc. · FSC 4720 — Hose and Flexible Tubing · FSG 47 — Pipe, Tubing, Hose, and Fittings · CAGE 78570

GOVERNMENT RECORD, CITED

NSN 4720-00-007-1408 — this item is cataloged by the U.S. Government under National Stock Number 4720-00-007-1408. Manufacturer of record part number: **RS159000012-0074**.

ALSO SEARCHED AS 4720-00-007-1408 · 4720000071408 · NIIN 000071408 · 00-007-1408 · FSC 4720 Hose and Flexible Tubing · CAGE 78570 · RS159000012-0074 · GH12V12C-0074 · GS518B12C-0074 · SAE-AS604 · GS518A12C0074
 NEARBY STOCK NUMBERS ← 4720-00-007-1168 Tubing Assembly, Nonmetallic · 4720-00-007-1411 Hose, Air Duct →



4720-00-007-1408 — HOSE AND FLEXIBLE TUBING

FEATURES

- Hose Assembly,nonmetallic — FSC 4720
- Measuring Method and Length: 7.500 INCHES NOMINAL OVERALL IN
- Temp Rating: -65.0 FAHRENHEIT AND 400.0 FAHRENHEIT SINGLE RESPONSE DEGF
- Fitting Component and Surface Treatment: COMPLETE FITTING PASSIVATE FIRST END
- Minimum Inside Bending Radius: 7.750 INCHES IN
- Connection Style: SWIVEL NUT FLARE FIRST END
- Layer Composition and Location: 1ST LAYER BRAIDED CORROSION RESISTANT STEEL WIRE AND 2ND LAYER SPIRALLY WRAPPED CORROSION RESISTANT STEEL FABRIC AND 3RD LAYER SPIRALLY WRAPPED CORROSION RESISTANT STEEL FABRIC AND 4TH LAYER SPIRALLY WRAPPED CORROSION RESISTANT STEEL FABRIC AND 5TH LAYER SPIRALLY WRAPPED CORROSION RESISTANT STEEL FABRIC AND OUTER LAYER BRAIDED CORROSION RESISTANT STEEL WIRE
- Connection Type: THREADED INTERNAL TUBE FIRST END

IDENTIFICATION

- NSN: 4720-00-007-1408
- NIIN: 000071408
- FSC: 4720 — Hose and Flexible Tubing
- FSG: 47 — Pipe, Tubing, Hose, and Fittings
- Primary part number: RS159000012-0074
- Manufacturer: Smiths Tubular Systems-Laconia, Inc.

GENERAL DESCRIPTION

The Hose Assembly,nonmetallic, cataloged under National Stock Number 4720-00-007-1408, is classified within Federal Supply Class 4720 (Hose and Flexible Tubing) of the Pipe, Tubing, Hose, and Fittings group. The manufacturer of record is Smiths Tubular Systems-Laconia, Inc.. Government technical data includes 24 specifications, cited from the U.S. Government catalog. The record lists 5 manufacturer part numbers for this item, enabling identification through both NSN and commercial part number lookups. 9 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	4720-00-007-1408
Primary Part Number	RS159000012-0074
Item Name	Hose Assembly,nonmetallic
FSC / FSG	4720 / 47 — Hose and Flexible Tubing
Manufacturer	Smiths Tubular Systems-Laconia, Inc.
Status	ACTIVE
Measuring Method and Length	7.500 INCHES NOMINAL OVERALL IN
Temp Rating	-65.0 FAHRENHEIT AND 400.0 FAHRENHEIT SINGLE RESPONSE DEGF
Fitting Component and Surface Treatment	COMPLETE FITTING PASSIVATE FIRST END
Minimum Inside Bending Radius	7.750 INCHES IN
Connection Style	SWIVEL NUT FLARE FIRST END
Layer Composition and Location	1ST LAYER BRAIDED CORROSION RESISTANT STEEL WIRE AND 2ND LAYER SPIRALLY WRAPPED CORROSION RESISTANT STEEL FABRIC AND 3RD LAYER SPIRALLY WRAPPED CORROSION RESISTANT STEEL FABRIC AND 4TH LAYER SPIRALLY WRAPPED CORROSION RESISTANT STEEL FABRIC AND 5TH LAYER SPIRALLY WRAPPED CORROSION RESISTANT STEEL FABRIC AND OUTER LAYER BRAIDED CORROSION RESISTANT STEEL WIRE
Connection Type	THREADED INTERNAL TUBE FIRST END
Cross-Sectional Shape Style	ROUND
Outside Diameter	1.030 INCHES MINIMUM AND 1.090 INCHES MAXIMUM IN
Operating Pressure	3000.0 POUNDS PER SQUARE INCH (PSI) MAXIMUM LOCATION NOT OTHERWISE SPECIFIED LBS
Features Provided	ELECTROSTATIC DISCHARGE CAPABILITY
End Fitting Component and Material	COMPLETE FITTING STEEL COMP 304 ALL ENDS
Thread Direction	RIGHT-HAND FIRST END
Nominal Thread Size	1.062 INCHES FIRST END IN
Seat Angle	37.0 DEGREES FIRST END
Specification/standard Data	SAE AS604,SIZE 12-81343 NATIONAL STD/SPEC AND 81343-AS627 PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD
Inside Diameter	0.602 INCHES MINIMUM IN
Inside Surface Condition	SMOOTH
Hydrostatic Test Pressure	6000.0 POUNDS PER SQUARE INCH LBS
Thread Class	3B FIRST END
Burst Test Pressure	12000.0 POUNDS PER SQUARE INCH LBS
Thread Quantity Per Inch	12 FIRST END
Outer Covering Environmental Protection	CORROSION RESISTANT

PARAMETER	VALUE
Thread Series Designator	UNIFIED NATIONAL JOINT (UNJ) FIRST END

LIFECYCLE & COMPLIANCE

Acquisition Status	ACTIVE
DEMIL Code	DEMIL A – NO DEMILITARIZATION REQUIRED
Hazard	NO HAZARD CODE IN THE DLA RECORD (HMIC N)
Criticality Code	X

CROSS-REFERENCE INDEX

PART NUMBER	MANUFACTURER
GH12V12C-0074	Northrop Grumman Systems Corporation (USA)
RS159000012-0074 PRIMARY	Smiths Tubular Systems-Laconia, Inc. (USA)
AE2460004K0074 PRIMARY	Eaton Aeroquip Llc Db a Jackson North 1 Div Fluid and Electrical Distribution (USA)
A25885CC-12-0074 PRIMARY	Parker-Hannifin Corporation Db a Pneutronics Div Stratoflex Product Division (USA)
AS627-12A0074 PRIMARY	Sae International Db a Sae International (USA)

REFERENCE DOCUMENTS

REFERENCE	MEANING
GS518B12C-0074	5/9 Secondary reference Northrop Grumman Systems Corporation
SAE-AS604	3/1 Design control – primary reference Sae International Db a Sae International
GS518A12C0074	5/9 Secondary reference Smiths Tubular Systems-Laconia, Inc.
AS627-12A0074	5/9 Secondary reference U.S. Government activity
AS604	5/9 Secondary reference U.S. Government activity
170T001-12CR0074	3/2 Design control – primary reference U.S. Government activity
GS518B12C0074	5/9 Secondary reference Parker-Hannifin Corporation Db a Pneutronics Div Stratoflex Product Division
AS604	5/1 Secondary reference Sae International Db a Sae International
170T001-12CR0074	5/9 Secondary reference Parker Hannifin Corp Stratoflex Aerospace/military Connector Div

No interchangeability data on file.

OTHER ITEMS IN FSC 4720 – HOSE AND FLEXIBLE TUBING

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

4720-00-000-0080 HOSE ASSEMBLY,NONMETALLIC	4720-00-000-0081 4720-00-000-0081 · Item name not on file	4720-00-000-0084 HOSE,PREFORMED	4720-00-000-0724 4720-00-000-0724 · Item name not on file
4720-00-001-0014 HOSE ASSEMBLY,NONMETALLIC	4720-00-001-0015 4720-00-001-0015 · Item name not on file	4720-00-001-0023 HOSE ASSEMBLY,NONMETALLIC	4720-00-001-0025 4720-00-001-0025 · Item name not on file

FREQUENTLY ASKED QUESTIONS

What is NSN 4720-00-007-1408?

NSN 4720-00-007-1408 is a Hose Assembly,nonmetallic, manufactured by Smiths Tubular Systems-Laconia, Inc., classified under FSC 4720, Hose and Flexible Tubing. Status: active.

What part numbers are listed for NSN 4720-00-007-1408?

NSN 4720-00-007-1408 has 5 manufacturer part numbers on file: GH12V12C-0074 (Northrop Grumman Systems Corporation), RS159000012-0074 (Smiths Tubular Systems-Laconia, Inc.), AE2460004K0074 (Eaton Aeroquip Llc DbA Jackson North 1 Div Fluid and Electrical Distribution), A25885CC-12-0074 (Parker-Hannifin Corporation DbA Pneutronics Div Stratoflex Product Division), AS627-12A0074 (Sae International DbA Sae International).

What are the specifications of RS159000012-0074?

Key specifications for RS159000012-0074: Measuring Method and Length: 7.500 INCHES NOMINAL OVERALL IN; Temp Rating: -65.0 FAHRENHEIT AND 400.0 FAHRENHEIT SINGLE RESPONSE DEGF; Fitting Component and Surface Treatment: COMPLETE FITTING PASSIVATE FIRST END; Minimum Inside Bending Radius: 7.750 INCHES IN. 24 specifications are documented in the U.S. Government catalog.

Is NSN 4720-00-007-1408 hazardous material?

No hazard code in the DLA record (HMIC N). 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/4720-00-007-1408

✓ Data cited from the U.S. Government catalog; commercial cross-references from OEM and certified industry sources.

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