

Specification Details:

Specification: MIL-DTL-13531
 Title: Hose, Rubber and Hose Assembly, Rubber (Hydraulic, Flexible)
 Federal Supply Class (FSC): 4720
 Conventional: Yes
 Specification contains quality assurance program: No
 MIL-STD-790 Established Reliability & High Reliability: No
 MIL-STD-690 Failure Rate Sampling Plans & Procedures: No
 Weibull Graded: No
 Specification contains space level reliability requirements: No
 Specification allows test optimization: No

Contact Information:

DSCC Office of Primary Involvement: Passive Devices Branch, DSCC-VQP
 Primary DSCC-VQ Contact: 614-692-0665, e-mail: vqp.go@dla.mil
 Secondary DSCC-VQ Contact: 614-692-0666, e-mail: vqp.mp@dla.mil

Notes:

- * Bulk Hose
- # Hose Assembly with Permanent Fittings
- + Hose Assembly with Reusable Fittings

DIMENSIONS ARE NOMINAL INSIDE DIAMETER.

Part Configuration:

MS500077 Assembly: MS500077 X XX XXX X A

Prefix	Class	Dash Number	Length in Inches	Eighths	Fitting Material and Plating
MS500077	X	XX	XXX	X	A

MS500083 Assembly: MS500083 X XX XXX X

Prefix	Fitting Material	Dash Number	Length in Inches	Eighths
MS500083	X	XX	XXX	X

Hose: M 13531 -X X X XXX X

Prefix	Specification Number	Hose Type	Hose Diameter	Class	Length in Inches	Eighths
M	13531	-X	X	X	XXX	X

Part Listings:

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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TYPE I, CLASS A

Sizes: 3/16" thru 2"

#	3/16" thru 2" ID, Type I, Class A	13531-047-02	DW Industries, Inc.
*	2665	212934; 214288	Eaton Aeroquip Corp. (Mountain Home, AR)
#	2665	212934; 214288	Eaton Aeroquip Corp. (Van Wert, OH)
#	3/16" thru 2" ID, Type I, Class A	13531-041-01	JGB Enterprises, Inc.
# *	A012/1012	9650; 9758	NRP, Inc.
#	245	3765; 4878	Parker Hannifin Corp. (Fastener & Hose Technologies) Parker Hannifin Corp. (Fort Worth, TX) Parker Hannifin Corp. (Mid-State Aerospace)
#	JS4-2454	3765; 4878	Parker Hannifin Corp. (Fastener & Hose Technologies) Parker Hannifin Corp. (Fort Worth, TX) Parker Hannifin Corp. (Mid-State Aerospace)

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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TYPE I, CLASS A

Sizes: 3/16" thru 2"

#	3/16" thru 2" ID, Type I, Class A	13531-270-02	Southwest Radiator Shop, Inc.
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Sizes: 1/4" thru 1"

#	A012-XX-4, 6, 8, 12, 16	13531-2648-09	Cantwell Cullen Hydraulic Division
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TYPE I, CLASS B

Sizes: 3/16" thru 1"

#	421MNS	9771	Parker Hannifin Corp. (Fastener & Hose Technologies) Parker Hannifin Corp. (Fort Worth, TX) Parker Hannifin Corp. (Mid-State Aerospace)
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TYPE II, CLASS A

Sizes: 3/16" thru 1"

#	547-856	13531-2239-08	Veyance Technologies, Goodyear Engineered Products
*	547-856	13531-2239-08	Veyance Technologies, Goodyear Engineered Products

Sizes: 3/16" thru 2"

# +	3/16" thru 2" ID, Type II, Class A	13531-016-97; 13531-049-02	DW Industries, Inc.
*	2766	10008; 4304; 8490	Eaton Aeroquip Corp. (Mountain Home, AR)
# +	2766	212934; 214288; 218069; 218072	Eaton Aeroquip Corp. (Van Wert, OH)
# +	3/16" thru 2" ID, Type II, Class A	13531-026-00	JGB Enterprises, Inc.
# *	A013/1013	9650; 9758	NRP, Inc.
# +	242	5013	Parker Hannifin Corp. (Fastener & Hose Technologies) Parker Hannifin Corp. (Fort Worth, TX) Parker Hannifin Corp. (Mid-State Aerospace)
# +	JS4-2424	5013	Parker Hannifin Corp. (Fastener & Hose Technologies) Parker Hannifin Corp. (Fort Worth, TX) Parker Hannifin Corp. (Mid-State Aerospace)
# +	3/16" thru 2" ID, Type II, Class A	13531-270-02	Southwest Radiator Shop, Inc.
# *	G4654S	13531-038-97	The Gates Corporation (Iola, KS)

Sizes: 1/4" thru 1"

#	A012-XX-4, 6, 8, 10, 12, 16	13531-2648-09	Cantwell Cullen Hydraulic Division
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TYPE II, CLASS B

Sizes: 3/16" thru 2"

#	301MNS	9771	Parker Hannifin Corp. (Fastener & Hose Technologies) Parker Hannifin Corp. (Fort Worth, TX) Parker Hannifin Corp. (Mid-State Aerospace)
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Sizes: 1/4" thru 1/4"

# *	4G2L	13531-1102-05	The Gates Corporation (Iola, KS)
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Sizes: 3/8" thru 1 1/4"

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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TYPE II, CLASS B

Sizes: 3/8" thru 1 1/4"

# *	20G2L	13531-1379-05	The Gates Corporation (Iola, KS)
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Manufacturer and Supplier Location Information

Manufacturer: Cantwell Cullen Hydraulic Division (CAGE Code: 3AD25)

Location: 10 Artisans Crescent, London, Ontario N5V 4N6, Canada

Plants:

1. Same Address as Manufacturer

Manufacturer: DW Industries, Inc. (CAGE Code: 0TE27)

Location: 6287 Long Drive, Houston, TX 77087-3303, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Eaton Aeroquip Corp. (CAGE Code: 0X660)

Location: 1225 W. Main Street, Van Wert, OH 45891-9362, US

Plants:

1. Same Address as Manufacturer
2. Eaton Aeroquip Corp. (Mountain Home, AR), CAGE Code: 54412, 1830 Highway 201 South, Mountain Home, AR 72653, US

Manufacturer: JGB Enterprises, Inc. (CAGE Code: 61125)

Location: P.O. Box 209, 115 Metropolitan Drive, Liverpool, NY 13088-0209, US

Plants:

1. Same Address as Manufacturer

Manufacturer: NRP, Inc. (CAGE Code: 52684)

Location: 225 West 11 th North, Nephi, UT 84648-7045, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Parker Hannifin Corp. (CAGE Code: 98441)

Location: Stratoflex Products Division, P.O. Box 10398, 220 Roberts Cut-Off Road, Fort Worth, TX 76114-0398, US

Plants:

1. Same Address as Manufacturer
2. Fastener & Hose Technologies, Inc., CAGE Code: 060A4, 710 N. Lindenwood Drive, Olathe, KS 66062, US
3. Mid-State Aerospace, CAGE Code: 4W876, 710 N. Lindenwood Drive, Olathe, KS 66062, US

Manufacturer: Southwest Radiator Shop, Inc. (CAGE Code: 07GT9)

Location: 4201 Baseline Road, Little Rock, AR 72209, US

Plants:

1. Same Address as Manufacturer

Manufacturer: The Gates Corporation (CAGE Code: 24161)

Location: Customer Solution Center, ATTN: HYD-CSA6, Inverness Drive South, Englewood, CO 80112, US

Plants:

1. The Gates Corporation (Iola, KS), P.O. Box 606, 1450 Montana road, Iola, KS 66749, US

Manufacturer: Veyance Technologies, Goodyear Engineered Products (CAGE Code: 63906)

Location: 2701 W. Omaha Avenue, Norfolk, NE 68702-0579, US

Plants:

1. Same Address as Manufacturer