

NOTICE OF  
CANCELLATION

INCH-POUND

MIL-H-52471/6A  
NOTICE 1  
4 December 2008

DETAIL SPECIFICATION SHEET

HOSE, RUBBER, HYDRAULIC PRESSURE-TYPE, TYPE 100R10  
FOUR-SPIRAL-WRAP REINFORCEMENT HOSE

MIL-H-52471/6A, dated 31 July 1987, is hereby canceled. Future acquisitions for this item should refer to SAE-J517 for existing design, "Hydraulic Hose". For new design use MIL-DTL-52471/7.

Table I provides a detailed cross-reference of canceled MIL-H-52471/6 Part or Identifying Number (PIN) and replacement SAE-J517 PIN. Users are cautioned to evaluate replacements for their particular application.

(Copies of SAE-J517 are available from <http://www.sae.org> or SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001).

TABLE I. Hose type 100R10 to SAE replacement. 1/ 2/

Cancelled PIN for M52471/6 Hose Type 100R10 (Now 100RE)		SAE-J517 replacement	SAE working pressure MPa	100R10 working pressure MPa
dash size	Working pressure psi (MPa)			
-4	8750	SAE J517 100R14-4	10.5	60.3
-6	7500	SAE J517 100R14-6	10.5	51.7
-8	6250	SAE J517 100R15-8	42	43.1
-12	5000	SAE J517 100R13-12	28	34.5
-16	4000	SAE J517 100R12-16	28	27.6
-20	3000	SAE J517 100R12-20	21	20.7
-24	2500	SAE J517 100R12-24	17.5	17.2
-32	2500	SAE J517 100R12-32	17.5	17.2

1/ If the SAE-J517 hose does not meet system requirements chose an SAE-J517 hose with pressure requirements at or above pressure requirements specified in this specification.

2/ The type 100R10 conversion to SAE-J517, type 100R hose is based strictly on pressure.

Minimum bend radius: See table II.

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TABLE II. Minimum bend radius dimensions. 1/ 2/

M52471/6 hose type 100R10	Size	Min bend radius Inch (mm)	SAE-J517 Inch (mm)
(Now RE) four spiral wrap	-4	5.00 (130)	2.0 (50)
	-6	6.00 (150)	4.0 (100)
	-8	8.00 (200)	8.0 (200)
	-12	11.00 (280)	9.5 (240)
	-16	14.00 (360)	12.0 (300)
	-20	18.00 (460)	16.5 (420)
	-24	22.00 (560)	20.0 (500)
	-32	28.00 (710)	25.5 (640)

1/ Dimensions are in inches.

2/ Metric equivalents are given for information only.

CONCLUDING MATERIAL

Custodians:  
Army - AT  
Air Force - 99  
DLA - CC

Preparing activity:  
DLA - CC

(Project 4720-2007-022)

Review activities:  
Army - AR, GL  
Air Force - 71

NOTE: The activities listed above were interested in this document as of the date of this document. Since organization and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>.