

DETAIL SPECIFICATION SHEET

HOSE ASSEMBLIES, RUBBER: HYDRAULIC PRESSURE-TYPE; TYPE 100RE

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-52471.

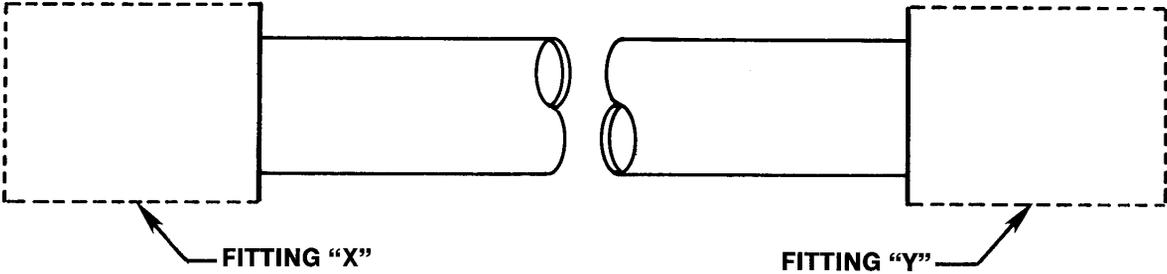


FIGURE 1. Hose assembly, fitting identification.

TABLE I. 3/4-inch hose assemblies.

Hose size (inch)	Hose part number	Fitting X (figure 1)		Fitting Y (figure 1)		Assembly code number
		part number	angle reference (°)	part number	angle reference (°)	
1/2	M52471-8-8	M52525/31-08-08	0	M52525/31-08-08	0	C001
				M52525/32-08-08	45	C002
				M52525/33-08-08	90	C003
		M52525/32-08-08	45	M52525/32-08-08	45	C004
				M52525/33-08-08	90	C005
		M52525/33-08-08	90	M52525/33-08-08	90	C006
		M52525/34-08-08	0	M52525/34-08-08	0	C007
				M52525/35-08-08	45	C008
				M52525/36-08-08	90	C009
		M52525/35-08-08	45	M52525/35-08-08	45	C010
				M52525/36-08-08	90	C011
		M52525/36-08-08	90	M52525/36-08-08	90	C012

TABLE II. 3/4-inch hose assemblies.

Hose size (inch)	Hose part number	Fitting X (figure 1)		Fitting Y (figure 1)		Assembly code number
		part number	angle reference (°)	part number	angle reference (°)	
3/4	M52471-8-12	M52525/31-12-12	0	M52525/31-12-12	0	C101
				M52525/32-12-12	45	C102
				M52525/33-12-12	90	C103
		M52525/34-12-12	0	M52525/34-12-12	0	C107
				M52525/35-12-12	45	C108
				M52525/36-12-12	90	C109
		M52525/35-12-12	45	M52525/35-12-12	45	C110
				M52525/36-12-12	90	C111
		M52525/36-12-12	90	M52525/36-12-12	90	C112

TABLE III. 1 inch hose assemblies.

Hose size (inch)	Hose part number	Fitting X (figure 1)		Fitting Y (figure 1)		Assembly code number
		part number	angle reference (°)	part number	angle reference (°)	
1	M52471-8-16	M52525/31-16-16	0	M52525/31-16-16	0	C201
				M52525/32-16-16	45	C202
				M52525/33-16-16	90	C203
		M52525/34-16-16	0	M52525/34-16-16	0	C207
				M52525/35-16-16	45	C208
				M52525/36-16-16	90	C209
		M52525/35-16-16	45	M52525/35-16-16	45	C210
				M52525/36-16-16	90	C211
		M52525/36-16-16	90	M52525/36-16-16	90	C212

TABLE IV. Hose operating pressure.

MIL-DTL-52471/8A

Hose size (inch)	Dash number	Maximum operating pressure psi	Minimum burst pressure psi
1/2	-8	7500	30,000
3/4	-12	6250	25,000
1	-16	5000	20,000

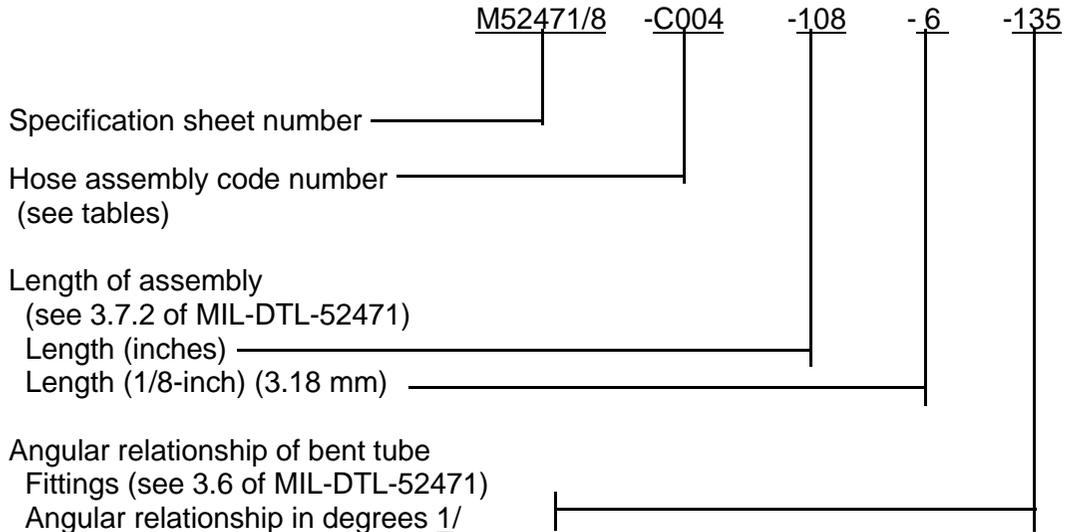
REQUIREMENTS:

1. The hose assemblies shall be in accordance with figure 1 and tables I through IV.
2. Attaching parts for hose assemblies shall conform to MIL-DTL-52525.
3. The fittings and hose for these assemblies must be listed on QPL-52525 and QPL-52471, respectively.

NOTES:

1. Part number: the military part number consists of the specification sheet number, an assigned code number for the hose assembly, hose assembly length, and angular relationship of fittings; when applicable.

Example - a 100 RE hose assembly 9 feet 3/4 inches long with an angular relationship of bent tube coupling 135° would have a military part number of:



1/ Not applicable for assemblies with straight fittings.

CONCLUDING MATERIAL

Custodian:

Army - CR4
Air Force - 99
Navy - SH

Preparing activity:

DLA - CC

(Project 4720-0191-08)

Review activities:

Army - AR, GL
Air Force - 82