

**General Attributes**

Specification number SAE-AMS-DTL-23053/16  
Specification revision level JUL 1999  
CSR number 5351A  
CSR revision level H  
Owner NAVY  
CSR document part indicator CSR document

**Status: Released****CSR Document Text**

CSR document text  
CAGE/MFR-06090  
HEAT SHRINKABLE  
INSULATION SLEEVING  
DATE OF MANUFACTURING:  
EXPIRATION DATE: 2 YEARS FROM  
DATE OF MFG.

CORP.SPEC: SCD, RT-1116

Q.C.: DIMENSIONS, LONGITUDINAL CHANGE,  
TENSILE STRENGTH, ULT.ELONGATION,  
LOW TEMP.FLEX, HEAT SHOCK, COLOR,  
TENSILE STRESS AND FLAMMABILITY  
PER AMS-DTL-23053/16.

: SHALL CERTIFY IN WRITING THAT THE  
SLEEVING AFTER STORAGE @ 18 TO 35  
FOR TWO YEARS SHALL CONFORM TO  
DIMENSIONAL REQUIREMENTS  
SPECIFIED HEREIN AND THE CONTRACT  
OR P.O.

**DIFFERENCES:**

LOW TEMP.FLEX

THEY SAY:

-65 DEG.C, NO CRACKS -55 DEG.C, N

RESTRICTED SHRINKAGE

150 DEG.C, NO CRACKS N/R

FOLLOWED BY:

VOLTAGE WITHSTAND

2000 V/60S, PASS N/R

CORROSION, COPPER CONTACT

121 DEG.C FOR 16 HRS. N/R

NO CORROSION

WATER ABSORPTION

2.0 MAX N/R

FLUID RESISTANCE

MIL-L-7808 N/R

MIL-F-46162 N/R

5% SALT WATER N/R

FOLLOWED BY:

TENSILE STRENGTH

1500 PSI.MIN. N/R

ULTIMATE ELONGATION

200% MIN. N/R

DIELECTRIC STRENGTH

200 V/MIL.MIN. N/R

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(ALL FLUIDS)  
FLAME  
SELF-EXTINGUISHING 15S/70 DEG.  
60S, VERTICAL  
EXCEPTIONS:  
PACKAGING REQUIREMENTS: WITH  
EXCEPTION TO PARAGRAPH 5.1.1.3 (UNIT  
PACKAGE)

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## Manufacturing Attributes

CSR number	5351A
CSR document part indicator	Manufacturing requirements

## Shipping Instructions for generic customers

CSR number	5351A
Certification type	Generic certification document
CSR document part indicator	Shipping instructions

## Shipping Text

### Certification Text

DR-25 = RT-1116 Issue 3. The sleeving, when stored at 18 to 35 deg. C for 2 years, shall conform to the dimensional requirements specified.

### Label Information HEAT SHRINKABLE INSULATION SLEEVING

MIL-I-23053/16-XXX-\*

CAGE/MFR-06090

DATE OF MANUFACTURE:

EXPIRATION DATE: 2 YEARS FROM

D.O.M.

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