

**General Attributes****Status: Released**

**Specification number** AS23053/4  
**Specification revision level** 2016-10  
**CSR number** 5736A  
**CSR revision level** L  
**CSR revision date** 10/21/2016  
**Owner** SAE  
**CSR document part indicator** CSR document

**CSR Document Text**

CSR Document text  
 INSULATION SLEEVING  
 AMS-DTL-23053/4-XXX\*  
 CAGE/MFR-06090  
 DATE OF MANUFACTURING:  
 EXPIRATION DATE: 5 YEARS FROM  
 DATE OF MFG.

CORP.SPEC: RT-1301,SCD(TAT),RK6025  
 (ATUM),RTA-125

Q.C.: VISUAL AND DIMENSIONAL, TENSILE  
 AND ELONGATION, COLD IMPACT, HEAT  
 SHOCK, SECANT MODULUS AND FLAMM-  
 ABILITY (-2XX & -3XX ONLY) PER  
 MIL-I-23053/4.

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

## DIFFERENCES:

SECANT MODULUS,  
 -1XX THEY SAY: 25,000 PSI MIN.  
 WE SAY: N/R  
 -2XX THEY SAY: 25,000 PSI MAX.  
 WE SAY: N/R

COLD IMPACT -2XX, -3XX  
 THEY SAY: -55 DEGREES C FOR 3 MIN.  
 WE SAY: N/R

HEAT SHOCK  
 -1XX THEY SAY: MANDREL BEND TEST  
 WE SAY: VISUAL ONLY  
 -3XX THEY SAY: 250 DEGREES C  
 WE SAY: 225 DEGREES C

FLOW OF INNER WALL -2XX & -3XX  
 THEY SAY: 200 DEGREES C FOR 3 MIN.  
 WE SAY: N/R

VOLUME RESISTIVITY -3XX  
 THEY SAY: 10(12) OHM-CM MIN.  
 WE SAY: N/R

FLAMMABILITY, -3XX  
 THEY SAY: BOTH WALLS  
 WE SAY: OUTER WALL ONLY

## COPPER CONTACT CORROSION -3XX

THEY SAY: 16 HR AT 121 DEGREES C

WE SAY: N/R

## HEAT RESISTANCE -3XX

THEY SAY: 168 HR AT 175 DEGREES C

WE SAY: 168 HRS AT 150 DEGREES C

## COLOR STABILITY -1XX, -3XX

THEY SAY: 24 HR AT 175 DEGREES C

WE SAY: N/R

## FLUID RESISTANCE -1XX, -2XX

THEY SAY: MIL-A-8243

WE SAY: N/R

THEY SAY: MIL-L-7808

WE SAY: N/R

THEY SAY: MIL-L-23699

WE SAY: N/R

THEY SAY: 5% NAACL

WE SAY: N/R

## FLUID RESISTANCE -3XX

THEY SAY: MIL-H-5606

WE SAY: SPEC. F-515

THEY SAY: MIL-T-5624

WE SAY: N/R

THEY SAY: MIL-L-7808

WE SAY: O-149

THEY SAY: MIL-L-23699

WE SAY: O-149

THEY SAY: 5% NAACL

WE SAY: N/R

THEY SAY: MIL-A-8243

WE SAY: N/R

## FOLLOWED BY

## TENSILE STRENGTH -3XX

THEY SAY: 1000 PSI MIN.

WE SAY: 1015 PSI MIN.

## DIELECTRIC STRENGTH -3XX

THEY SAY: 400 V/MIL MIN.

WE SAY: N/R

## FUNGUS RESISTANCE

## -1XX &amp; -2XX

THEY SAY: NO GROWTH, ASTM G21

WE SAY: RATING OF 1 OR LESS

## -3XX

THEY SAY: NO GROWTH, ASTM G21

WE SAY: N/R

## LONGITUDINAL CHANGE

-2XX THEY SAY: +1,-5%

WE SAY: +0,-10%

## -2XX RECOVERED WALL

THEY SAY WE SAY

-201 .029+/- .005 .024 MIN

-202 .029+/- .005 .024 MIN

-203 .030+/- .005 .025 MIN

-204 .035+/- .005 .030 MIN

-205 .042+/- .007 .035 MIN

-206 .047+/- .008 .039 MIN

EXCEPTIONS:

PACKAGING REQUIREMENT, ALL PART #'S  
WITH EXCEPTION TO PARAGRAPH 5.1.1.3  
(UNIT PACKAGE) \*\*

\*\* NOTE: THIS EXCEPTION APPLIES TO  
SPOOLED AND CUT PIECES OTHER  
THAN FOUR FOOT LENGTHS. (MOD L)

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## Manufacturing Attributes

## Shipping Instructions for generic customers

CSR number	5736A
Certification type	Generic certification document
CSR document part indicator	Shipping instructions

## Shipping Text

Shipping instructions

## Certification Text

SCL= RT-1301 Issue 6, TAT-125= TAT-125 SCD Issue G, ATUM = RK-6025  
Revision 5. The sleeving, when stored at 18 to 35 deg. C for 5 years,  
shall conform to the dimensional requirements specified.

## Label Information HEAT SHRINKABLE INSULATION SLEEVING

MIL-I-23053/4-XXX-\*

CAGE/MFR-06090

DATE OF MANUFACTURE:

EXPIRATION DATE: 5 YEARS FROM

D.O.M.

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