



Standard Material and Specification Listing

Insulation Blankets and Related Materials for C-130's



Material & Specification	Orcon Item No	T x W x L	Application
Insulation Batting, STM 26-702, Style C, Type 2 Grade AA, Class 2 (G26.2621) Superceeds LAC26-2006	57033-12 57000 57010 57007	2''x 4''x12' 2''x 7''x25' 2''x11''x25' 2''x21''x25'	Between Frame Batts (covered batting with hook tape fastener) Process Bulletin G-509
Insulation Blanket, Service Trim STM 26-703, Type 2, Classes 1 & 2, Color Green #34424 (G26.2661) Superceeds LAC26-2007	57113 57103 57203 57211 See Index for other available colors, thicknesses, and widths	1''x48''x50' 1''x36''x50' 2''x36''x50' 2''x48''x25'	Over frame blanket material used on interior sidewalls.
Insulation Blanket, 2 sided, High Speed STM26-703, Green #34424 (G26.2670)	57121 57221	1''x48''x50' 2''x48''x25'	Over frame Blanket, Heavy Duty backing – High Speed version
Insulation Blanket, Quilted AMS-I-7171 (MIL-I-7171D) Type 1, Class 2, Style A NSN5640-00-269-1049 Green #34424 (G26.2671)	63001	¼''x36''x50YD	Quilted Blanket Insulation, diamond stitched, used in high wear areas in lieu of STM26-703 Over frame Blankets (1/4'' thick)
Insulation Blanket, Quilted AMS-I-7171 (MIL-I-7171D) Type 1, Class 2, Style A NSN5640-00-269-1048 Green #34424 (G26.2671)	63002	½''x36''x50YD	Quilted Blanket Insulation, diamond stitched, used in high wear areas in lieu of STM26-703 Over frame Blankets (1/2'' thick)
Insulation Blanket, Process specification LAC G597 C1B w/ LAC26-871 #34424 Green Trim Fabric bonded one side	56503 See Index for other colors and thickness variations	½''x36''x25'	HVAC Duct blanket with bonded trim fabric one side, uncoated glass fabric on "HOT" side, service temperature 450°F.
Insulation Blanket, Process specification LAC G597 C2B w/ LAC26-871 #34424 Green Trim Fabric bonded both sides	56498 See Index for other colors and thickness variations	½''x36''x25'	HVAC Duct blanket with bonded trim fabric both sides, service temperature 350°F.
Insulation Trim Fabric, STM26-103 Class 4.5, Type 1, Green #34424 (G26.0941)	5521D See Index for other colors and thickness variations	52'' nominal width	Trim Fabric used with STM26-703 Insulation blankets. NOT HEAT SEALABLE.
Insulation Trim Fabric, STM26-103 Class 4.5, Type 2, Green #34424 (G26.0941)	5513D See Index for other colors available	52'' nominal width	Trim Fabric used on STM26-703 Insulation blankets. HEAT SEALABLE.



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Insulation Binding Fabric, STM26-103 Class 4.5 Type 1, Green #34424 (G26.0941)	5933D See Index for other colors available	4" width St. Tape 375 FT/RL	Fabric Binding Tape used on STM26-703 blankets.
Insulation Binding Fabric, STM26-103 Class 4.5 Type 1, Green #34424 (G26.0941)	5903 See Index for other colors available	1" width Bias Tape 375 FT/RL	Fabric Binding Tape used on STM26-703 blankets.
Glass Cloth Binding Tape, MIL-Y-1140, Form 5, Type Ecc A, Class C	2909	1-1/2" width, .007" thick, 50 YD/RL	Glass cloth binding used on duct blanket assemblies per LAC G597
Floor Matting STM 26-102, Type III with 1/8" foam underlay, color brown, #20140	20520 Other colors and foam thickness available. Call for more information	1/8"x54"x40YD	Floor matting for use in the Flight Deck area.
Headliner 20JB8-8F/33578/9/PF3 color Biege #33578, perforated with foam	20521 Other colors and foam thickness available. Call for more information	1/8"x54"x40YD	Headliner material, foam backed and perforated for use in the Flight Deck area.
Hook and Loop fastener	Contact Customer Service	Various widths and colors available, also available in Nomex.	Hook and Loop Fastener, used in fabrication of insulation batting and over frame blankets.
Snap Fasteners NASM27980 -1N NASM27980 -6N NASM27980 -7N NASM27980 -8N NASM27980 -27N (replaced - 26N)	14001 14003 14005 14007 14040	Per specification NASM27980 (MS27980 Superceded). Other hardware specifications available	Snap fasteners for the installation of STM26-703 over frame blankets.
Thread	Contact Customer Service	Per customer requirements	Thread for use in fabrication of insulation assemblies.
Cover Film, Reinforced STM22-102 Type II	5350	52" x 500 YD/RL <small>(cutting fees apply for shorter lengths)</small>	Reinforced film used on back of STM26-703 overframe blankets, and STM26-702 between frame batts
Repair Tape OT-102/ STM22-102	5350-4	4" x 60YD/RL	Repair tape for use on STM26-703 overframe blankets (backside only) and STM26-702 between frame batts.
Fabric, Chloroprene coated, LAC26-871(1) duct fabric, Green #34424 (G26.0901)	5928 Other colors and widths available, see index	38" wide	Fabric, Chloroprene coated, Used on HVAC ducting and LAC G 597 blankets.



OVERFRAME BLANKETS



Standard Products (other colors and dimensions available on special order)

<u>ORCON ITEM</u>	<u>DESCRIPTION</u>
57241	STM26-703F T1 C1&2 2x36x50 #34424 GREEN
57252	STM26-703F T1 C1&2 1x36x50 #34424 GREEN
57116	STM26-703F T2 C1&2 .5x48x50 #34424 GREEN
57313	STM26-703F T3 C1&2 1x48x50 #34424 GREEN
57200	STM26-703F T2 C1&2 2x36x50 #23531 BIEGE
57112	STM26-703F T2 C1&2 1x48x50 #23531 BIEGE
57130	STM26-703F T2 C1&2 1x48x50 #33522 BIEGE
57104	STM26-703F T2 C1&2 1x36x50 #23531 BIEGE
57098	STM26-703F T2 C1&2 2x48x25 #23531 BIEGE
57251	STM26-703F T1 C1&2 1x36x50 #36231 DARK GRAY
57119	STM26-703F T2 C1&2 1x48x50 #36231 DARK GRAY
57122	STM26-703F T2 C1&2 1x36x50 #36118 DARK GRAY
57120	STM26-703F T2 C1&2 1x48x50 #36118 DARK GRAY
57250	STM26-703F T1 C1&2 1x36x50 #36440 LIGHT GRAY
57108	STM26-703F T2 C1&2 1x48x50 #36440 LIGHT GRAY
57249	STM26-703F T1 C1&2 1x36x50 #37875 WHITE
57109	STM26-703F T2 C1&2 1x48x50 #37038 BLACK

Dimensions are Thickness (inches) x Width (inches) x Length (Feet)

T1 = Type 1: Heavy duty trim fabric per MIL-C-22787 Type 1 (Interior wheel well areas)
T2 = Type 2: Medium duty (Standard for C-130 interiors) trim fabric per STM26-103 Class 4.5
T3 = Type 3: Light duty trim fabric per STM26-103 Class 2.5



HVAC DUCT BLANKETS



Standard Products (other colors and dimensions available on special order)

<u>ORCON ITEM</u>	<u>DESCRIPTION</u>
56502-LACG	LACG597 C1B 1"x36"x50' #34424 GREEN
56400	LACG597 C1B .5"x36"x25' #20372 TAN
56494	LACG597 C1B .5"x36"x25' #23531 BIEGE
56503	LACG597 C1B .5"x36"x25' #34424 GREEN
56410	LACG597 C1B .5"x36"x25' #36118 DARK GRAY
56420	LACG597 C1B .5"x36"x25' #36440 LIGHT GRAY
56440	LACG597 C1B .5"x36"x25' #37038 BLACK
56500	LACG597 C2B .5"x36"x25' #20372 TAN
56495	LACG597 C2B .5"x36"x25' #23531 BIEGE
56498	LACG597 C2B .5"x36"x25' #34424 GREEN

Dimensions are Thickness (inches) x Width (inches) x Length (Feet)

Process Specification LAC-G597 with LAC-26-871 bonded per Class designation:

C1B = Class 1B: Trim fabric LAC26-871 on interior side of blanket (cold side) and Glass Cloth backing on duct side of blanket (hot side) service temperature 450°F.

C2B = Class 2B: Trim Fabric LAC26-871 on both interior and duct side of blanket with a service temperature of 300°F.



TRIM FABRICS for Sidewall INSULATION BLANKETS

Standard Products (other colors and dimensions available on special order)

<u>ORCON ITEM</u>	<u>DESCRIPTION</u>
5531D	STM26-103D C4.5T1 13538 52"NHS YELLOW
5518D	STM26-103D C4.5T1 20372 52"NHS TAN
5524D	STM26-103D C4.5T1 23531 52"NHS BIEGE
5522D	STM26-103D C4.5T1 25414 52"NHS BLUE
5923D	STM26-103D C4.5T1 34424 38"NHS GREEN
5521D	STM26-103D C4.5T1 34424 52"NHS GREEN
5523D	STM26-103D C4.5T1 36118 52"NHS DARK GRAY
5550D	STM26-103D C4.5T1 36231 52"NHS DARK GRAY
5528D	STM26-103D C4.5T1 36440 52"NHS LIGHT GRAY
5527-46	STM26-103D C4.5T1 37038 46"NHS BLACK
5527D	STM26-103D C4.5T1 37038 52"NHS BLACK
5509D	STM26-103D C4.5T2 #20372 52"HS TAN
5514D	STM26-103D C4.5T2 #23531 52"HS BIEGE
5516D	STM26-103D C4.5T2 #24300 52"HS BLUE/GREEN
5512D	STM26-103D C4.5T2 #25414 52"HS BLUE
5545D	STM26-103D C4.5T2 #33522 52"HS BIEGE/YELLOW
5513D	STM26-103D C4.5T2 #34424 52"HS GREEN
5507D	STM26-103D C4.5T2 #36118 52"HS DARK GREY
5519D	STM26-103D C4.5T2 #36231 52"HS DARK GREY
5560D	STM26-103D C4.5T2 #36280 52"HS MEDIUM GREY
5506D	STM26-103D C4.5T2 #36440 52"HS LIGHT GREY
5510D	STM26-103D C4.5T2 #37038 52"HS BLACK

T1 = Type 1: Trim Fabric is NOT HEAT SEALABLE

T2 = Type 2: Trim Fabric has a heat sealable coating on the back side.



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Index of Materials for C130 Variants



QUILTED BLANKETS



ON SEPTEMBER 30, 1999, MIL-I-7171D WAS CANCELLED AND REPLACED BY SAE AMS-I-7171 DATED JULY 1999.

Standard Products used on C130 aircraft (other colors, and dimensions are available – contact Customer Service Center)

<u>ORCON ITEM</u>	<u>DESCRIPTION</u>
64027	AMS-I-7171 T1C2SA 1/4"x36"x50YD #36440 LIGHTGRAY
63066	AMS-I-7171 T1C2SA.5x48x50YD #36118 DARK GRAY
63063-48 XCPT	AMS-I-7171 T1C2SA.5x48x50Y #37038 BLACK
63063-48 XCPT 37031	AMS-I-7171 T1C2SA.5x48x50Y #37031 BLACK

Dimensions are Thickness (inches) x Width (inches) x Length (yards)
Diamond pattern is 1”x 3” per specification requirements.

T1C2SA = Type 1, Class 2, Style A, which is a quilted blanket, fully stitched through all layers, non-porous trim cloth.