

(M) REVISION TABLE UPDATED, SHEETS "1", "3" & "6" HAVE BEEN RAISED AT ISSUES "M", "H" & "M" RESPECTIVELY
SHEET 3: "SKANDIA" ADDED TO DSC52C-7-*
SHEET 4: "SKANDUA" ADDED TO DSC52C-8-*
SHEET 6 ADDED: "...SKANDIA , DAVIS JUNCTION IL"

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CAGE CODE 71867

SOURCE CONTROL DRAWING

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SOURCE CONTROL DRAWING

DSC52 - FOAM, FLEXIBLE & RIGID				
DSC MATERIAL				APPROVED VENDOR/MATERIAL
DSC No. △4	GAUGE	FOAM TYPE	FLAMMABILITY REQUIREMENTS	
DSC52A-1-1	1/8”	POLYURETHANE FLEXIBLE FOAM (1.8 - 2.0 LB/CU FT) ILD 30 - 35 △3	FAR 25.853(a) App F, Part I (1) (ii) AMDT 25-86 (12 Sec Vertical)	PRE FAB CUSHIONING 1835 FLR --- OR --- REEVES 1737 --- OR --- Ⓚ FXI FOAMEX INNOVATIONS PYR2LBA
DSC52A-1-2	1/4”			
DSC52A-1-3	1/2”			
DSC52A-1-4	3/4”			
DSC52A-1-5	1”			
DSC52A-1-6	1-1/4”			
DSC52A-1-7	1-1/2”			
DSC52A-1-8	2”			
DSC52A-1-9	3”			
DSC52A-1-10	5”			
DSC52A-1-11	6”			
DSC52A-2-1	1/4”	VINYL FLEXIBLE FOAM		JACOBS & THOMPSON FOAM FLEX #1380 GREY --- OR --- B.F. GOODRICH VS 400 GREY --- OR --- RUBATEX CORP. GIC ENSOLITE
DSC52A-2-2	1/2”			
DSC52A-2-3	3/4”			
DSC52B-3-1	1/8”	VINYL FLEXIBLE FOAM		JACOBS & THOMPSON FOAM FLEX #1380 GREY --- OR --- B.F. GOODRICH VS 400 GREY

LIST OF CURRENT SHEETS						
SHEET	1	2	3	4	5	6
REVISION	M	H	H	K	K	M

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	J. YEBOAH	FOAM, FLEXIBLE & RIGID	DSC 52
CHECKED	B. McDONALD		PAGE 1 OF 6
STRESS	---		
APPROVED	S. HAMID		

APPROVED: 07 DEC 1965 REV: M - 19 SEP 2016 REV: G - 24 JUL 1998 REV: H - 14 MAY 2001 REV: J - 21 JUN 2002 REV: K - 15 MAR 2011 REV: L - 17 JUL 2014

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SOURCE CONTROL DRAWING

DSC52 - FOAM, FLEXIBLE & RIGID				
DSC MATERIAL				APPROVED VENDOR/MATERIAL
DSC No. △ 4	GAUGE	FOAM TYPE	FLAMMABILITY REQUIREMENTS	
DSC52C-2-1	1/8”	POLYETHYLENE FLEXIBLE FOAM	FAR 25.853(a) App F, Part I (1) (ii) AMDT 25-86 (12 Sec Vertical) ⓐ	DOW CHEMICAL ETHAFOAM XFS4101
DSC52C-2-2	1/4”			
DSC52C-2-3	1/2”			
DSC52C-2-4	3/4”			
DSC52C-2-5	1”			
DSC52C-2-6	1 1/4”			
DSC52C-2-7	1 1/2”			
DSC52C-2-8	1 3/4”			
DSC52C-2-9	2”			
DSC52C-3-1	1/2”	VINYL FLEXIBLE FOAM		UNIROYAL ENSOLITE TYPE AHC ---OR--- ⓐ RUBATEX CORP. ENSOLITE GIC
DSC52C-3-2	3/4”			
DSC52C-3-3	1”			
DSC52C-3-4	1 1/2”			
DSC52C-3-5*	2”			
DSC52C-3-6*	2 1/2”			
DSC52C-3-7*	3”			
DSC52C-4-1	1/2”	VINYL FLEXIBLE FOAM (3.5 - 5.0 LB/CU FT)	ⓐ ARMACELL	
DSC52C-4-2	3/4”			
DSC52C-4-3	1”		UNIROYAL ENSOLITE TYPE MC --- OR --- RUBATEX CORP. ⓐ ENSOLITE GIC	
DSC52C-4-4	1 1/2”			
DSC52C-4-5*	2”			
DSC52C-4-6*	2 1/2”			
DSC52C-4-7*	3”			

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	J. YEBOAH	FOAM, FLEXIBLE & RIGID	DSC 52
CHECKED	B. McDONALD		
STRESS	---		
APPROVED	S. HAMID		PAGE 2 OF 6

REF: DSC52c-4-() "FOAM
"ARMACELL" ADDED
ⓐ

REV:

REV:

REV:

REV: H - 17 JUL 2014

REV: G - 24 JUL 1998

REV: F - 20 APR 1988

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SOURCE CONTROL DRAWING

DSC52 - FOAM, FLEXIBLE & RIGID					
DSC MATERIAL				APPROVED VENDOR/MATERIAL	
DSC No. △ 4	GAUGE	FOAM TYPE	FLAMMABILITY REQUIREMENTS		
DSC52C-5-1	1/2”	VINYL FLEXIBLE FOAM (4.0 - 6.0 LB/CU FT)	ⓐ FAR 25.853(a) App F, Part I (1) (ii) AMDT 25-86 (12 Sec Vertical)	JACOBS & THOMPSON FOAMEX #1390 BUFF --- OR --- UNIROYAL ENSOLITE TYPE AAC --- OR --- ⓐ RUBATEX CORP. ENSOLITE GIC	
DSC52C-5-2	3/4”				
DSC52C-5-3	1”				
DSC52C-5-4	1 1/2”				
DSC52C-5-5*	2”				
DSC52C-5-6*	2 1/2”				
DSC52C-5-7*	3”				
DSC52C-6-1	1/2”	VINYL FLEXIBLE FOAM (6.0 - 8.5 LB/CU FT)		ⓐ FAR 25.853(a) App F, Part I (1) (ii) AMDT 25-86 (12 Sec Vertical)	UNIROYAL ENSOLITE TYPE ALC --- OR --- ⓐ RUBATEX CORP. ENSOLITE GIC
DSC52C-6-2	3/4”				
DSC52C-6-3	1”				
DSC52C-6-4	1 1/2”				
DSC52C-6-5*	2”				
DSC52C-6-6*	2 1/2”				
DSC52C-6-7*	3”				
DSC52C-7-1	1/2”	POLYURETHANE FLEXIBLE FOAM (POLYETHER CLASS) (0.6 - 2.8 LB/CU FT) (SOFT) ILD 16 - 20 △ 3	ⓐ FAR 25.853(a) App F, Part I (1) (ii) AMDT 25-86 (12 Sec Vertical)		PRE-FAB CUSHIONING NEOCORE 2729 --- OR --- E.R. CARPENTER Q16 FR --- OR --- REEVES HR18 --- OR --- SKANDIA ⓐ DAX 20
DSC52C-7-2	3/4”				
DSC52C-7-3	1”				
DSC52C-7-4	1 1/2”				
DSC52C-7-5	2”				
DSC52C-7-6	2 1/2”				
DSC52C-7-7	3”				

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	J. YEBOAH	FOAM, FLEXIBLE & RIGID	DSC 52
CHECKED	B. McDONALD		
STRESS	---		
APPROVED	S. HAMID		PAGE 3 OF 6

④ REF DSC52C-7-(*) ADDED: "SKANDIA DAX 20"

REV: REV: REV: REV: H - 19 SEPT 2016 REV: G - 24 JUL 1998 REV: F - 20 APR 1988 REV: 07 DEC 19 65

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SOURCE CONTROL DRAWING

DSC52 - FOAM, FLEXIBLE & RIGID				
DSC MATERIAL				APPROVED VENDOR/MATERIAL
DSC No. △4	GAUGE	FOAM TYPE	FLAMMABILITY REQUIREMENTS	
DSC52C-8-0	3/8"	POLYURETHANE FLEXIBLE FOAM (POLYETHER CLASS) (2.8 - 3.4 LB/CU FT) (FIRM) ILD 30 - 35 △3	FAR 25.853(a) App F, Part I (1) (ii) AMDT 25-86 (12 Sec Vertical)	PRE-FAB CUSHIONING NEOCORE 2740 --- OR --- E.R. CARPENTER Q31 FR --- OR --- REEVES HR30 --- OR --- SCHLOBOHM DAX-55 --- OR --- SKANDIA (K) DAX 55
DSC52C-8-1	1/2"			
DSC52C-8-2	3/4"			
DSC52C-8-3	1"			
DSC52C-8-4	1 1/2"			
DSC52C-8-5	2"			
DSC52C-8-6	2 1/2"			
DSC52C-8-7	3"			
DSC52C-8-8	4"			
DSC52C-9-1	3/8"	POLYURETHANE SEMI-RIGID FOAM (2.0 - 3.0 LB/CU FT)(LD45FR PLASTAZOTE
DSC52C-9-2	1/2"			
DSC52C-9-3	3/4"			
DSC52C-9-4	1"			
DSC52D-1-1	1/4"	POLYURETHANE RIGID FORM (2.0 LB/CU FT)		INSUL FOAM F/S 25
DSC52D-1-2	3/8"			
DSC52D-1-3	1/2"			
DSC52D-1-4	5/8"			
DSC52D-1-5	3/4"			
DSC52D-1-6	7/8"			
DSC52D-1-7	1"			
DSC52E-1-1	1/8"	VINYL FLEXIBLE FOAM (6.5 - 8.5 LB/CU FT)		UNIROYAL ENSOLITE AHC --- OR --- RUBATEX CORP. ENSOLITE GIC
DSC52E-1-2	1/4"			
DSC52E-1-3	3/8"			
DSC52F-1-1	1/8"	VINYL FLEXIBLE FOAM (3.5 - 5.0 LB/CU FT)		UNIROYAL ENSOLITE MC --- OR --- RUBATEX CORP. ENSOLITE GIC
DSC52F-1-2	1/4"			
DSC52F-1-3	3/8"			

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	J. YEBOAH	FOAM, FLEXIBLE & RIGID	DSC 52
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STRESS	---		PAGE 4 OF 6
APPROVED	S. HAMID		

(K) DSC52C-8-* ADDED: "SKANDIA" and "DAX 55"

REV:

REV: K - 19 SEP 2016

REV: J - 21 JUN 2002

REV: H - 14 MAY 2001

REV: G - 24 JUL 1998

REV: F - 20 APR 1988

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SOURCE CONTROL DRAWING

DSC52 - FOAM, FLEXIBLE & RIGID				
DSC MATERIAL				APPROVED VENDOR/MATERIAL
DSC No. 4	GAUGE	FOAM TYPE	FLAMMABILITY REQUIREMENTS	
DSC52G-1-1	1/8"	VINYL FLEXIBLE FOAM (5 - 7LB/CU FT)	FAR 25.853(a) App F, Part I (1) (ii) AMDT 25-86 (12 Sec Vertical)	UNIROYAL ENSOLITE AAC --- OR --- RUBATEX CORP. ENSOLITE GIC
DSC52G-1-2	1/4"			
DSC52G-1-3	3/8"			
DSC52H-1-1	1/8"	VINYL FLEXIBLE FOAM (6 - 8.5 LB/CU FT)		UNIROYAL ENSOLITE ALC --- OR --- RUBATEX CORP. ENSOLITE GIC
DSC52H-1-2	1/4"			
DSC52H-1-3	3/8"			

NOTES:

1. THE PROCUREMENT DEPT. SHALL SPECIFY THE DSC NO., THE THICKNESS AND THE MANUFACTURER'S PRODUCT DESIGNATION AND THE FLAMMABILITY REQUIREMENTS ON THE PURCHASE ORDER.
2. THE PRODUCT SHALL MEET THE FLAMMABILITY REQUIREMENTS AS SPECIFIED IN THIS DOCUMENT.

△3 INITIAL LOAD DEFLECTION (ILD) TO ASTM D1564.

△4 DASH NUMBERS INDICATED BY ASTERISK MAY BE LAMINATED USING A FIRE RESISTANT ADHESIVE PER DHMS A6.11 TYPE 1, CLASS 1. LAMINATE SHALL BE FLAMMABILITY TESTED FROM TEST SPECIMENS MANUFACTURED FROM TWO 1/4" THICK SPECIMENS LAMINATED WITH THE FIRE RESISTANT ADHESIVE AND SHALL MEET THE REQUIREMENTS OF FAR 25.853(a) APPENDIX F, PART I (1) (ii) AMDT 25-86 (12 SEC VERTICAL).

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	J. YEBOAH	FOAM, FLEXIBLE & RIGID	DSC 52
CHECKED	B. McDONALD		
STRESS	---		
APPROVED	S. HAMID		PAGE 5 OF 6

(K) NOTE 4 ADDED "...PER DHMS A6.11 TYPE 1, CLASS 1"

REV: K - 17 JULY 2014
REV: J - 15 MAR 2011
REV: H - 14 MAY 2001
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SOURCE CONTROL DRAWING

5. VENDOR INFORMATION:

VENDOR	LOCATION
B.F. GOODRICH	WATERLOO, ON
DOW CHEMICAL CANADA INC.	TORONTO, ON
E.R. CARPENTER	WOODBIDGE, ON
FXI FOAMEX INNOVATIONS	FORT WAYNE, IN
INSULATING FOAM CO. (DIV. OF I.F. INSULATION INC.)	OAKVILLE, ON
JACOBS & THOMPSON LTD.	WESTON, ON
PRE-FAB CUSHIONING	DOWNSVIEW, ON
REEVES BROTHERS CANADA LTD.	ETOBICOKE, ON
REPUBLIC PACKAGING OF CANADA LTD.	CONCORD, ON
RUBATEX CORPORATION	ROANOKE, VA
VERSATECH INDUSTRIES	WESTON, ON
ZOTEFOAMS	GROYDON, SURREY, UK
SCHLOBOHM COMPANY	RANCHO DOMINGUEZ, CA
ARMACELL	MEBANE, NC
SKANDIA	DAVIS JUNCTION, IL

(M)

6. DISTRIBUTOR INFORMATION:

VENDOR	DISTRIBUTOR	DISTRIBUTOR'S LOCATION
E.R. CARPENTER	GENERAL UPHOLSTERY SUPPLY LTD.	TORONTO, ON
FXI FOAMEX INNOVATIONS	CANADIAN PLASTICS GROUP LTD.	NEWMARKET, ON
RUBATEX CORPORATION	KRISTOFOAM INDUSTRIES INC.	CONCORD, ON
UNIROYAL PLASTICS	E.F. WALTERS	TORONTO, ON
ZOTEFOAMS	KRISTOFOAM INDUSTRIES INC.	CONCORD, ON

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	J. YEBOAH	FOAM, FLEXIBLE & RIGID	DSC 52
CHECKED	B. McDONALD		
STRESS	---		
APPROVED	S. HAMID		PAGE 6 OF 6

(M) ADDED: "SKANDIA, DAVIS JUNCTION IL"

APPROVED: 07 DEC 1965 REV: M - 19 SEP 2016 REV: G - 24 JUL 1998 REV: H - 14 MAY 2001 REV: J - 21 JUN 2002 REV: K - 15 MAR 2011 REV: L - 17 JUL 2014