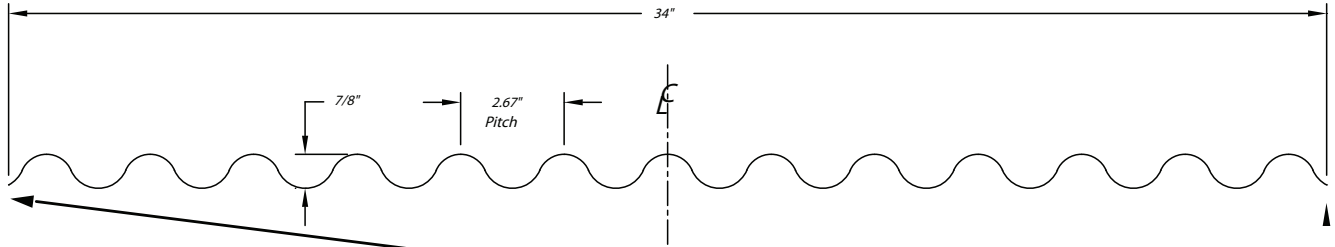




PROFILE DRAWING 009



NOTE: Drawing not to scale

NOTE: TRIM POINTS ARE SYMMETRICAL ABOUT CENTERLINE, LEGS TURNED UP

CURRENTLY AVAILABLE

9 GP 6oz. | 9 GP 8oz. | 9 DL 8oz. | 9 DL 12oz.

009 GP | 6oz. General Purpose

TABLES BELOW IN FEET AND INCHES ONLY

ROOFING: POSITIVE LOADS	LIMITING CRITERIA: 2.5 to 1 Safety Factor		45 to 1 Deflection Limit Ratio (L/D)	
Panel Description: 2.67 x 7/8	Panel Strength = 15000 psi		Flexural Modulus = 1000000 psi	
General Purpose	20 psf		30 psf	
Generic: 9GP	1 SPAN	2 SPAN	3+ SPAN	1 SPAN
Stress Limit	4'-11"	4'-11"	5'-6"	4'-0"
Deflection Limit	3'-2"	4'-4"	3'-11"	2'-10"

ROOFING/SIDING: WIND LOADS	LIMITING CRITERIA: 1.88 to 1 Safety Factor		20 to 1 Deflection Limit Ratio (L/D)	
Panel Description: 2.67 x 7/8	Panel Strength = 15000 psi		Flexural Modulus = 1000000 psi	
General Purpose	20 psf		30 psf	
Generic: 9GP	1 SPAN	2 SPAN	3+ SPAN	1 SPAN
Stress Limit	5'-8"	5'-8"	6'-4"	4'-8"
Deflection Limit	4'-2"	5'-8"	5'-2"	3'-8"

009 GP | 8oz. General Purpose

TABLES BELOW IN FEET AND INCHES ONLY

ROOFING: POSITIVE LOADS	LIMITING CRITERIA: 2.5 to 1 Safety Factor		45 to 1 Deflection Limit Ratio (L/D)	
Panel Description: 2.67 x 7/8	Panel Strength = 15000 psi		Flexural Modulus = 1000000 psi	
General Purpose	20 psf		30 psf	
Generic: 9GP	1 SPAN	2 SPAN	3+ SPAN	1 SPAN
Stress Limit	4'-11"	4'-11"	5'-6"	4'-0"
Deflection Limit	3'-2"	4'-4"	3'-11"	2'-10"

ROOFING/SIDING: WIND LOADS	LIMITING CRITERIA: 1.88 to 1 Safety Factor		20 to 1 Deflection Limit Ratio (L/D)	
Panel Description: 2.67 x 7/8	Panel Strength = 15000 psi		Flexural Modulus = 1000000 psi	
General Purpose	20 psf		30 psf	
Generic: 9GP	1 SPAN	2 SPAN	3+ SPAN	1 SPAN
Stress Limit	5'-8"	5'-8"	6'-4"	4'-8"
Deflection Limit	4'-2"	5'-8"	5'-2"	3'-8"

This information is provided as preliminary data for designers. It should be checked and verified and its use determined by a duty licensed engineer or architect. NOTE: Spans will vary with resin formulation, glass content, and thickness. For data on other profiles, formulations, or conditions contact the technical department.

DISCLAIMER: These load span tables do not reflect any span reduction that may be associated with various fastening options; for fastening recommendations reference SPI publication, "Recommended Installation Practice for Glass Fiber Reinforced Polyester Panels - Roofing, Siding, and Glazing."



009 DL | 8oz. Duralite

TABLES BELOW IN FEET AND INCHES ONLY

ROOFING: POSITIVE LOADS		LIMITING CRITERIA: 2.5 to 1 Safety Factor						45 to 1 Deflection Limit Ratio (L/D)								
Panel Description: 2.67 x 7/8		Panel Strength = 15000 psi						Flexural Modulus = 1000000 psi								
Duralite		20 psf			30 psf			40 psf			50 psf			60 psf		
8 oz./sq. ft.		1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN
Generic: 9DL		5'-8"	5'-8"	6'-4"	4'-8"	4'-8"	5'-2"	4'-0"	4'-0"	4'-6"	3'-7"	3'-7"	4'-0"	3'-3"	3'-3"	3'-8"
Stress Limit		3'-6"	4'-9"	4'-4"	3'-1"	4'-2"	3'-10"	2'-10"	3'-9"	3'-6"	2'-7"	3'-6"	3'-3"	2'-5"	3'-3"	3'-0"
Deflection Limit																

ROOFING/SIDING: WIND LOADS		LIMITING CRITERIA: 1.88 to 1 Safety Factor						20 to 1 Deflection Limit Ratio (L/D)								
Panel Description: 2.67 x 7/8		Panel Strength = 15000 psi						Flexural Modulus = 1000000 psi								
Duralite		20 psf			30 psf			40 psf			50 psf			60 psf		
8 oz./sq. ft.		1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN
Generic: 9DL		6'-7"	6'-7"	7'-4"	5'-4"	5'-4"	6'-0"	4'-8"	4'-8"	5'-2"	4'-2"	4'-2"	4'-8"	3'-9"	3'-9"	4'-3"
Stress Limit		4'-8"	6'-3"	5'-9"	4'-1"	5'-5"	5'-0"	3'-8"	4'-11"	4'-7"	3'-5"	4'-7"	4'-3"	3'-3"	4'-4"	4'-0"
Deflection Limit																

009 DL | 12oz. Duralite

TABLES BELOW IN FEET AND INCHES ONLY

ROOFING: POSITIVE LOADS		LIMITING CRITERIA: 2.5 to 1 Safety Factor						45 to 1 Deflection Limit Ratio (L/D)								
Panel Description: 2.67 x 7/8		Panel Strength = 15000 psi						Flexural Modulus = 1000000 psi								
Duralite		20 psf			30 psf			40 psf			50 psf			60 psf		
12 oz./sq. ft.		1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN
Generic: 9DL		6'-10"	6'-10"	7'-8"	5'-7"	5'-7"	6'-3"	4'-10"	4'-10"	5'-5"	4'-4"	4'-4"	4'-10"	4'-0"	4'-0"	4'-5"
Stress Limit		4'-1"	5'-5"	5'-0"	3'-6"	4'-9"	4'-4"	3'-3"	4'-4"	4'-0"	3'-0"	4'-0"	3'-8"	2'-10"	3'-9"	3'-6"
Deflection Limit																

ROOFING/SIDING: WIND LOADS		LIMITING CRITERIA: 1.88 to 1 Safety Factor						20 to 1 Deflection Limit Ratio (L/D)								
Panel Description: 2.67 x 7/8		Panel Strength = 15000 psi						Flexural Modulus = 1000000 psi								
Duralite		20 psf			30 psf			40 psf			50 psf			60 psf		
12 oz./sq. ft.		1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN
Generic: 9DL		7'-11"	7'-11"	8'-10"	6'-6"	6'-6"	7'-3"	5'-7"	5'-7"	6'-3"	5'-0"	5'-0"	5'-7"	4'-7"	4'-7"	5'-1"
Stress Limit		5'-4"	7'-1"	6'-7"	4'-8"	6'-3"	5'-9"	4'-3"	5'-8"	5'-2"	3'-11"	5'-3"	4'-10"	3'-8"	4'-11"	4'-7"
Deflection Limit																

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