

FS-700 • 13/32" CHANNEL • 19 Gauge

SECTION PROPERTIES				X-X AXIS					Y-Y AXIS			
CHNL	WT/FT	ARE	EA	Ix		Sx	R	łx	Iy		Sy	Ry
P/N	LBS.	SQ. I	IN.	in ⁴		in ³	i	n	in^4		in ³	in
S-700	.24	.07		.002		.006		44	.007		.016	.304
S-701	.48	.14	1	.007		.016		215	.013		.032	.304
				I	= Mome	ent of Iner	tia S	= Sectio	n Modu	lus I	R = Radius	of Gyrati
	- ¹³ x- [³ / ₁₆ →	X 113/	- 32 				\← X C	— ^{13/} 16 ["] Y J Y		 13/ ₁₆ " ↓	
-700 ANNEL	FINISH:	• PL	AIN (PL)) • GREE	N (GR)	FS-7	701					
		ГН: 1	10 FT.									
ANDARI CHNL		FH: 1	IO FT.	WABLE	E BEA	M LOA	DS -	-	In Inche			
ANDARI CHNL P/N	D LENG	FH: 1 A 12"	10 FT.	WABLF 24"	E BEA 30"	M LOA 36"	DS – 42"	48"	60"	72"		
ANDARI CHNL P/N FS-700	Stress 1/240	FH: 1	IO FT.	WABLE	E BEA	M LOA	DS -	-				
ANDARI CHNL P/N	D LENG	FH: 1 A 12" 140	10 FT. ALLO 18" 95	WABLE 24" 70	BEA 30" 55	M LOA 36" 45	DS – 42" 40	48" 35	60" 30	72" 25		
ANDARI CHNL P/N FS-700	Stress 1/240 Stress	III III 12" III 140 III 135 200* *** IIII 1. TOTAL S 2. Upper lin 3. Lower lin 3. Lower lin 4. Multiply 5. * Load lin 6. *** Load of	10 FT. 18" 95 60 190 *** TATIC LOA e is MAXIM e shows TO alues in upp itted by spoi controlled by	WABLE 24" 70 35 145 115 D in LBS. UM ALLOWAE TAL UNIFORM ver line by 0.5 to t weld shear. 25,000 PSI de	E BEA 30" 55 20 115 75 8LE UNIFOR 1 LOAD whic o obtain ALL esign stress.	M LOA 36" 45 15 95 50 PM LOAD creati th produces a de .OWABLE CEN	DS – 42" 40 10 80 40 mg 25,000 P effection of 1 TER CONCI	48" 35 8 70 30 2SI Bending S /240th of the ENTRATED L	60" 30 5 55 20 tress about t SPAN, (i.e. OAD at 25,	72" 25 5 50 15 he X-Axis b ; 1/2" Def. 000 PSI Sh	ress. Deflection b	y 0.8.
ANDARI CHNL P/N FS-700 FS-701	Stress 1/240 Stress	I12" 140 135 200* *** 1. TOTAL S 2. Upper lin 3. Lower lin 4. Multiply 5. * Load lin 6. *** Load cond	10 FT. 18" 95 60 190 *** TATIC LOA e is MAXIM e shows TO alues in uppnited by spoi controlled by WABB	WABLE 24" 70 35 145 115 D in LBS. UM ALLOWAE TAL UNIFORM ver line by 0.5 to t weld shear. 25,000 PSI de	E BEA 30" 55 20 115 75 8LE UNIFOR 1 LOAD whic o obtain ALL esign stress.	M LOA 36" 45 15 95 50 PM LOAD creati th produces a de .OWABLE CEN	DS – 42" 40 10 80 40 mg 25,000 P effection of 1 TER CONCI	48" 35 8 70 30 25I Bending S /240th of the ENTRATED L	60" 30 5 55 20 tress about t SPAN, (i.e. OAD at 25,	72" 25 5 50 15 he X-Axis b ; 1/2" Def. 000 PSI Sh	for 120" Span)	y 0.8.
ANDARI CHNL P/N FS-700 FS-701	Stress 1/240 Stress	I12" 140 135 200* **** 1. TOTAL S 2. Upper lin 3. Lower lin 4. Multiply v 5. * Load lin 6. *** Load of	LO FT. 18" 95 60 190 *** TATIC LOA e is MAXIM e shows TO ralues in upp rited by spo- controlled by WAB 18"	WABLE 24" 70 35 145 115 D in LBS. UM ALLOWAE TAL UNIFORM ver line by 0.5 to t weld shear. 25,000 PSI de	E BEA 30" 55 20 115 75 BLE UNIFOR 1.0AD which to obtain ALL esign stress. LUMN 30"	M LOA 36" 45 15 95 50 PM LOAD creati th produces a de .OWABLE CEN	DS – 42" 40 10 80 40 40 effection of 1 TER CONCI	48" 35 8 70 30 251 Bending S /240th of the ENTRATED L Unsupp 48"	60" 30 5 55 20 tress about t SPAN, (i.e. OAD at 25, OAD at 25, orted Ho 60"	72" 25 5 50 15 he X-Axis b ; 1/2" Def. 000 PSI Str eight of 72"	for 120" Span) ress. Deflection b	y 0.8.
ANDARI CHNL P/N FS-700 FS-701 CHNL P/N FS-700	Stress 1/240 Stress	I12" 140 135 200* *** 1. TOTAL S 2. Upper lin 3. Lower lin 4. Multiply 5. * Load lin 6. *** Load cond	10 FT. 18" 95 60 190 *** TATIC LOA e is MAXIM e shows TO alues in uppnited by spoi controlled by WABB	WABLE 24" 70 35 145 115 D in LBS. UM ALLOWAE TAL UNIFORM or line by 0.5 to t weld shear. 25,000 PSI de LE COI	E BEA 30" 55 20 115 75 8LE UNIFOR 1 LOAD which o obtain ALL essign stress.	M LOA 36" 45 15 95 50 PM LOAD creati th produces a de .OWABLE CEN	DS – 42" 40 10 80 40 mg 25,000 P effection of 1 TER CONCI	48" 35 8 70 30 25I Bending S /240th of the ENTRATED L	60" 30 5 55 20 tress about t SPAN, (i.e. OAD at 25,	72" 25 5 50 15 he X-Axis b ; 1/2" Def. 000 PSI Sh	for 120" Span) ress. Deflection b	y 0.8.
ANDARI CHNL P/N FS-700 FS-701	Stress 1/240 Stress	I12" 140 135 200* **** 1. TOTAL S 2. Upper lin 3. Lower lin 4. Multiply v 5. * Load lin 6. *** Load of	LO FT. 18" 95 60 190 *** TATIC LOA e is MAXIM e shows TO ralues in upp rited by spo- controlled by WAB 18"	WABLE 24" 70 35 145 115 D in LBS. UM ALLOWAE TAL UNIFORM ver line by 0.5 to ver line by 0.5 to tweld shear. 25,000 PSI de LE COI 24"	E BEA 30" 55 20 115 75 BLE UNIFOR 1.0AD which to obtain ALL esign stress. LUMN 30"	M LOA 36" 45 15 95 50 M LOAD creati ch produces a de .0WABLE CEN LOAD LOAD	DS – 42" 40 10 80 40 40 effection of 1 TER CONCI	48" 35 8 70 30 251 Bending S /240th of the ENTRATED L Unsupp 48"	60" 30 5 55 20 tress about t SPAN, (i.e. OAD at 25, OAD at 25, orted Ho 60" *****	72" 25 5 50 15 he X-Axis b ; 1/2" Def. 000 PSI Str eight of 72"	for 120" Span) ress. Deflection b	y 0.8.