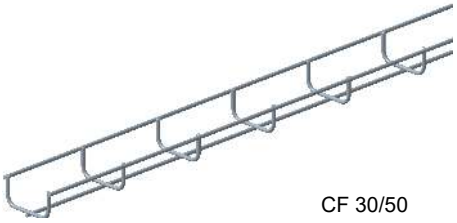
CABLOFIL®
INNOVATORS IN CABLE MANAGEMENT

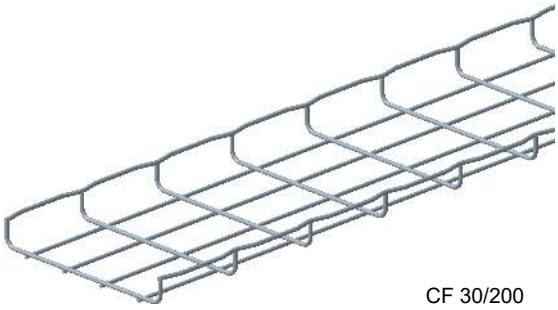
1, route de Semur - 21500 MONTBARD - France
Tel : 0 (+33) 3 80 89 58 15
www.cablofil.com

CF 30

Reference(s) : 000 011/021/031/041/051/801/831/811/851
000 013/023/033/043/053/803/813/853
000 016/026/036/046/056/806/836/816/856
000 018/028/038/048/058/808/818/858
000 014/024/034/044/054/804/814/854



CF 30/50



CF 30/200

SOMMAIRE / *SUMMARY*	PAGES
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6. Conformités / *Conformities*	2
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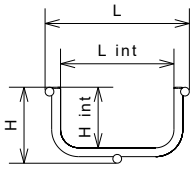
1. USAGE / *USE*

Chemin de câbles en fils d'acier soudés / *Steel wire cable tray.*

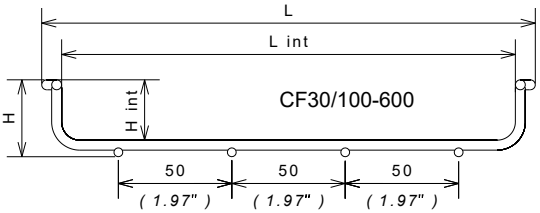
2. GAMME / *RANGE*

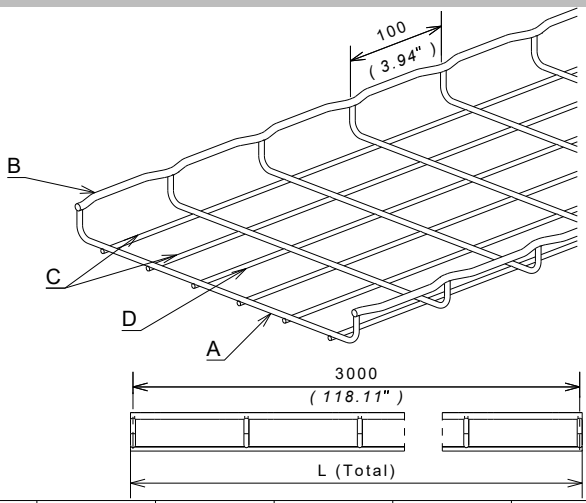
Designation	L int		EZ			GC / *HDG*			HR			IN304L / *SS304L*			IN316L / *SS316L*		
	(mm)	/ (inch)	CODE	Poids / Weight (Kg)	(lb)	CODE	Poids / Weight (Kg)	(lb)	CODE	Poids / Weight (Kg)	(lb)	CODE	Poids / Weight (Kg)	(lb)	CODE	Poids / Weight (Kg)	(lb)
CF 30/50	50	*1,97*	000 011	1.175	*2.591*	000 013	1.221	*2.692*	000 016	1.141	*2.515*	000 018	1.169	*2.578*	000 014	1.169	*2.578*
CF 30/100	100	*3.94*	000 021	1.601	*3.529*	000 023	1.663	*3.666*	000 026	1.554	*3.426*	000 028	1.591	*3.508*	000 024	1.591	*3.508*
CF 30/150	150	*5.91*	000 031	2.039	*4.496*	000 033	2.119	*4.671*	000 036	1.980	*4.365*	000 038	2.029	*4.472*	000 034	2.029	*4.472*
CF 30/200	200	*7.87*	000 041	2.839	*6.258*	000 043	2.949	*6.501*	000 046	2.756	*6.076*	000 048	2.822	*6.222*	000 044	2.822	*6.222*
CF 30/300	300	*11.81*	000 051	4.394	*9.687*	000 053	4.565	*10.063*	000 056	4.266	*9.405*	000 058	4.192	*9.242*	000 054	4.192	*9.242*
CF 30/400	400	*15.75*	000 801	6.851	*15.103*	000 803	7.117	*15.689*	000 806	6.651	*14.663*	000 808	6.288	*13.864*	000 804	6.288	*13.864*
CF 30/450	450	*17.72*	000 831	7.331	*16.161*	-	-	-	000 836	7.117	*15.690*	-	-	-	-	-	-
CF 30/500	500	*16.69*	000 811	7.810	*17.219*	000 813	8.114	*17.888*	000 816	7.583	*16.718*	000 818	7.243	*15.968*	000 814	7.243	*15.968*
CF 30/600	600	*23.62*	000 851	8.770	*19.336*	000 853	9.111	*20.086*	000 856	8.515	*18.772*	000 858	8.197	*18.072*	000 854	8.197	*18.072*

3. DIMENSIONS (mm/*inch*)



CF30/50
Bord droit / *straight edge*





■ 3.1 Finition / *Material finish* : EZ - GC / *HDG* - HR

Designation	Capacité / Capacity (mm²)	A (Ø)		B (Ø)		C (Ø)		D (Ø)		W int		W		H int		H		L 0/+7mm	
		(mm)	*(inch)*	(mm)	*(inch)*	(mm)	*(inch)*	(mm)	*(inch)*	(mm)	*(inch)*	(mm)	*(inch)*	(mm)	*(inch)*	(mm)	*(inch)*	(mm)	*(inch)*
CF30/50	1 328	3.9	*0.15*	3.9	*0.15*	-	-	3.9	*0.15*	50	*1.97*	63.6	*2.5*	27.1	*1.067*	33.9	*1.33*	3003.9	*118.26*
CF30/100	2 683	3.9	*0.15*	3.9	*0.15*	3.9	*0.15*	-	-	100	*3.94*	115.6	*4.55*	27.1	*1.067*	33.9	*1.33*	3003.9	*118.26*
CF30/150	4 098	3.9	*0.15*	3.9	*0.15*	3.9	*0.15*	-	-	150	*5.91*	165.6	*6.52*	27.1	*1.067*	33.9	*1.33*	3003.9	*118.26*
CF30/200	5 373	4.4	*0.17*	4.4	*0.17*	3.9	*0.15*	-	-	200	*7.87*	217.6	*8.57*	27	*1.063*	24.3	*0.96*	3004.4	*118.28*
CF30/300	8 313	4.4	*0.17*	5.9	*0.23*	3.9	*0.15*	3.9	*0.15*	300	*11.81*	322.1	*12.68*	27.8	*1.094*	35.1	*1.38*	3004.4	*118.28*
CF30/400	11 093	4.4	*0.17*	5.9	*0.23*	5.9	*0.23*	3.9	*0.15*	400	*15.75*	422.1	*16.62*	27.8	*1.094*	35.1	*1.38*	3004.4	*118.28*
CF30/450	12 483	4.4	*0.17*	5.9	*0.23*	5.9	*0.23*	3.9	*0.15*	450	*17.72*	472.1	*18.59*	27.8	*1.094*	35.1	*1.38*	3004.4	*118.28*
CF30/500	13 873	4.4	*0.17*	5.9	*0.23*	5.9	*0.23*	3.9	*0.15*	500	*19.69*	522.1	*20.56*	27.8	*1.094*	35.1	*1.38*	3004.4	*118.28*
CF30/600	16 653	4.4	*0.17*	5.9	*0.23*	5.9	*0.23*	3.9	*0.15*	600	*23.62*	622.1	*24.49*	27.8	*1.094*	35.1	*1.38*	3004.4	*118.28*

■ 3.2 Finition / *Material finish* : IN316L - IN304L / *SS316L - SS304L*

Designation	Capacité / Capacity (mm²)	A (Ø)		B (Ø)		C (Ø)		D (Ø)		L int		L		H int		H		L 0/+7mm	
		(mm)	*(inch)*	(mm)	*(inch)*	(mm)	*(inch)*	(mm)	*(inch)*	(mm)	*(inch)*	(mm)	*(inch)*	(mm)	*(inch)*	(mm)	*(inch)*	(mm)	*(inch)*
CF30/50	1 328	3.9	*0.15*	3.9	*0.15*	-	-	3.9	*0.15*	50.0	*1.97*	64.0	*2.52*	27.1	*1.07*	33.9	*1.33*	*3003.9*	*118.26*
CF30/100	2 683	3.9	*0.15*	3.9	*0.15*	3.9	*0.15*	-	-	100.0	*3.94*	115.6	*4.55*	27.1	*1.07*	33.9	*1.33*	*3003.9*	*118.26*
CF30/150	4 038	3.9	*0.15*	3.9	*0.15*	3.9	*0.15*	-	-	150.0	*5.91*	165.6	*6.52*	27.1	*1.07*	33.9	*1.33*	*3003.9*	*118.26*
CF30/200	5 373	4.4	*0.17*	4.4	*0.17*	3.9	*0.15*	-	-	200.0	*7.87*	215.4	*8.48*	27	*1.06*	34.3	*1.35*	*3004.4*	*118.28*
CF30/300	8 313	4.4	*0.17*	5.5	*0.22*	3.9	*0.15*	3.9	*0.15*	300.0	*11.81*	320.9	*12.63*	27.6	*1.09*	34.9	*1.37*	*3004.4*	*118.28*
CF30/400	11 093	4.4	*0.17*	5.5	*0.22*	5.5	*0.22*	3.9	*0.15*	400.0	*15.75*	420.9	*16.57*	27.6	*1.09*	34.9	*1.37*	*3004.4*	*118.28*
CF30/500	13 873	4.4	*0.17*	5.5	*0.22*	5.5	*0.22*	3.9	*0.15*	500.0	*19.69*	520.9	*20.51*	27.6	*1.09*	34.9	*1.37*	*3004.4*	*118.28*
CF30/600	16 653	4.4	*0.17*	5.5	*0.22*	5.5	*0.22*	3.9	*0.15*	600.0	*23.62*	620.9	*24.44*	27.6	*1.09*	34.9	*1.37*	*3004.4*	*118.28*

4. FIXATION (non inclue) / *FIXING (not included)*

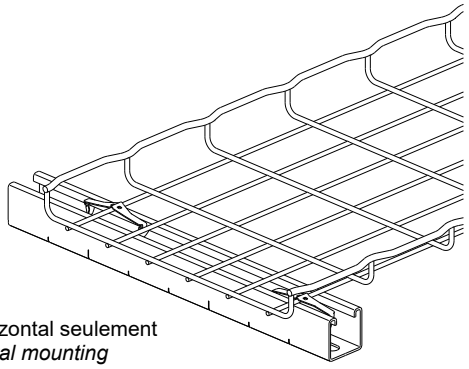
■ 4.1 VIS / *SCREW*

- 1 point de fixation minimum jusqu'à la largeur 200 mm incluse / *1 minimum fixing point untill width 200 mm included*
- 2 points de fixation minimum à partir de la largeur 300 / *2 minimum fixing points from width 300 mm*

■ 4.2 FS41

Clip pour fixation sur rails LEGRAND 41x41 et 41x21
Clip for holding on LEGRAND 41x41 or 41x21 rails

	100 → 300	400 → 600
	x2 mini	x3 mini



Montage horizontal seulement
Only horizontal mounting

5. DONNEES TECHNIQUES / *TECHNICAL DATA*

■ 5.1 Caractéristiques matières / *Material characteristics*

Finition / Coating	Classe de résistance contre la corrosion / Resistance class against corrosion	Matière / *Material*	Norme matière / *material Standard*
EZ	Classe 3 - CEI 61537 / Class 3 - IEC 61537	C9D	EN ISO 16120-2
GC / HDG	Classe 6 - CEI 61537 / Class 6 - IEC 61537	C9D	EN ISO 16120-2
HR (ZnAl)	Classe 8 - CEI 61537 / Class 8 - IEC 61537	C9D	EN ISO 16120-2
IN304L / SS304L	Classe 9C - CEI 61537 / Class 9C - IEC 61537	X2 Cr Ni 18-9	EN 10 088-3
IN316L / SS316L	Classe 9D - CEI 61537 / Class 9D - IEC 61537	X2 Cr Ni Mo 17-12-2	EN 10 088-3

■ 5.2 Caractéristiques climatiques / *climatic characteristics*

Température de stockage et d'utilisation / *storage and operating temperature* : - 20° C à + 120° C

6. CONFORMITES / *CONFORMITIES*

Continuité électrique / *Electrical continuity*

■ Suivant CEI61537 / following IEC 61537

Conforme à CEI 61537 Systèmes de chemin de câbles
Comply with IEC 61537 Cable tray systems

■ Chemin de cable / cable tray : **< 5 mΩ/m**

■ Eclissage / joint : **< 50 mΩ**

7. CONTENANCE / *CAPACITY*

Contenance en DaN/m = Poids indicatif des câbles lors d'un remplissage à 100% du Chemin de câbles
Capacity in DaN / m = Indicative weight of the cables when the cable tray is 100% filled

CONTENANCE maximum / *Maximum CAPACITY (DaN/m)*		
	d=0.15 (VDI / *DATA*)	d=0.25 (Puissance / *Power*)
CF 30/50	2.1	3.5
CF 30/100	4.2	7
CF 30/150	6.3	10.5
CF 30/200	8.4	14
CF 30/300	12.6	21
CF 30/400	16.8	28
CF 30/450	18.9	31.5
CF 30/500	21	35
CF 30/600	25.2	42

d = densité des câbles / *cable density (kg/m/cm²)*

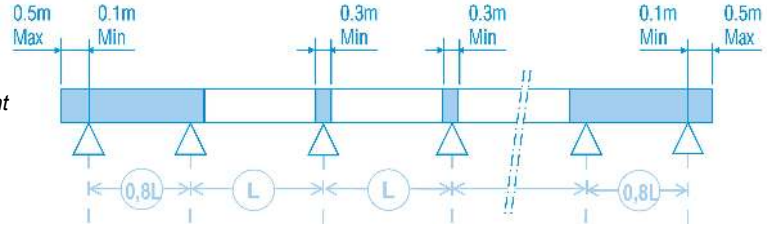
1 kgf = 0.98 daN ≃ 1daN

8. COURBE DE CHARGE / *LOADING CURVES*

■ 8.1 Essais sous CPS (Charge Pratique de Sécurité) / *Test for SWL (Safe Working Load)* :

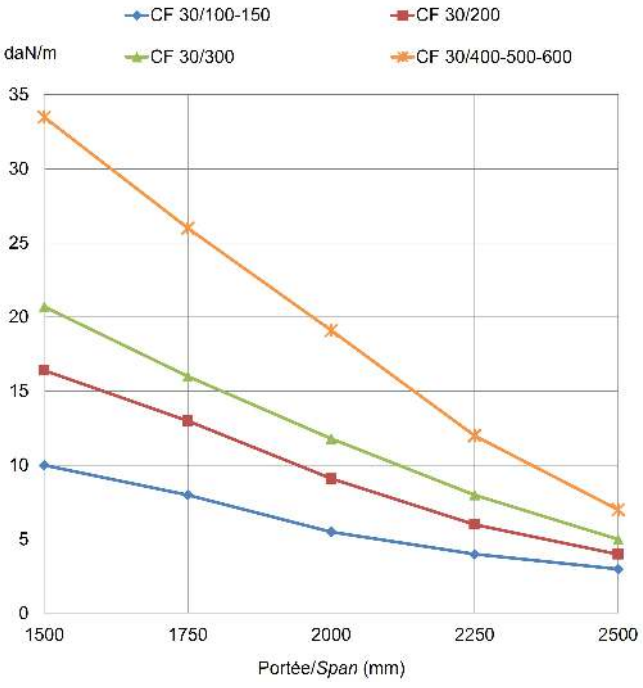
Type II / CEI 61537



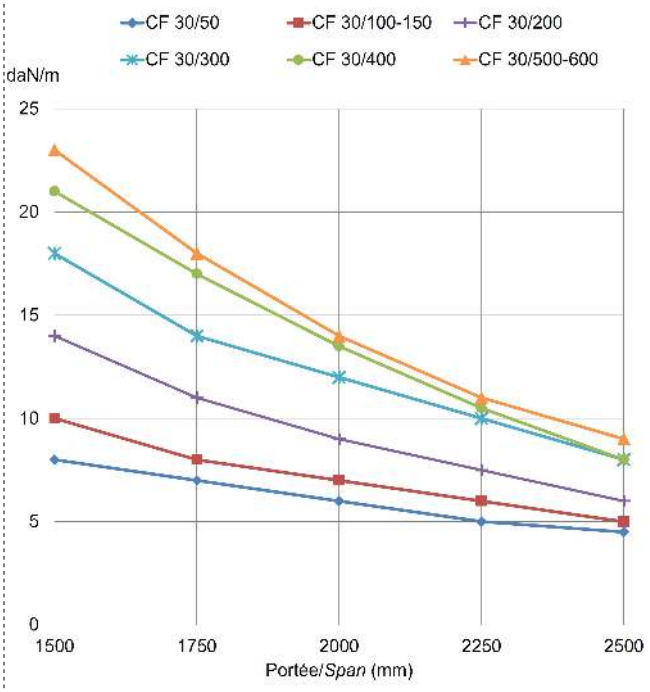


L = Portée / *span*

EZ - GC / *HDG* - HR



INOX / *STAINLESS STEEL*



Porté maximum en mm lors d'un remplissage à 100% du Chemin de câbles / *Maximum span in mm when the cable tray is 100% filled*

	Porté maximum / *maximum span (mm)*	
	d=0.15 (VDI / *DATA*)	d=0.25 (Puissance / *Power*)
CF 30/50	-	-
CF 30/100	2450	1800
CF 30/150	1900	1400
CF 30/200	2100	1650
CF 30/300	1950	1450
CF 30/400	2050	1650
CF 30/500	1900	1400
CF 30/600	1750	1200

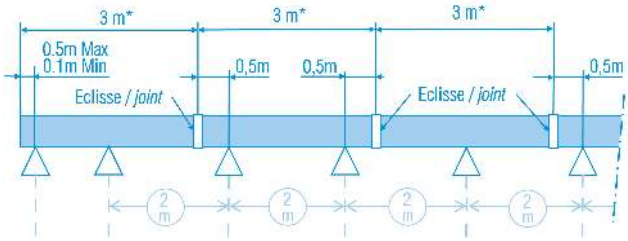
	Porté maximum / *maximum span (mm)*	
	d=0.15 (VDI / *DATA*)	d=0,25 (puissance / *power*)
CF 30/50	3000	3000
CF 30/100	2700	2000
CF 30/150	2200	1400
CF 30/200	2150	1500
CF 30/300	1950	1200
CF 30/400	1750	1000
CF 30/500	1600	-
CF 30/600	1350	-

8. COURBE DE CHARGE / *LOADING CURVES* (suite / *cont.*)

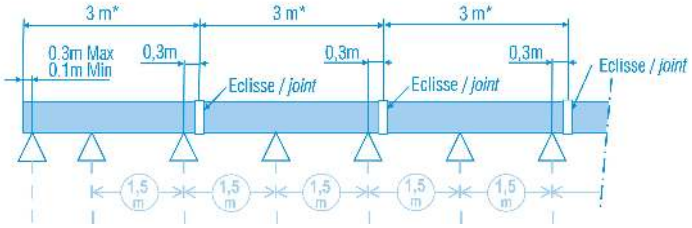
■ 8.2 Essais sous CPS (Charge Pratique de Sécurité) / *Test for SWL (Safe Working Load)* :

Selon préconisation de montage optimum / *according to optimum mounting recommendations*

EZ - GC / *HDG* - HR



INOX / STAINLESS STEEL



* Pour les installations de grandes longueurs, adapter la portée à la longueur exacte du chemin de câbles et de l'éclissage.
** For long length installations, adapt the span to the exact length of the cable tray and joint.*

EZ-GC/*HDG* -HR Portée / *Span* 2000mm	
	CPS / *SWL* (daN/m)
CF 30/50-100	7
CF 30/150	7.5
CF 30/200	10.2
CF 30/300	12.7
CF 30/400-600	21.3

INOX / stainless steel Portée / *Span* 1500mm	
	CPS / *SWL* (daN/m)
CF 30/50	8.7
CF 30/100-150	10.5
CF 30/200	14.9
CF 30/300	18.7
CF 30/400-500	23.5