

CFCC DATA SHEET

Ver.1.6 Date : June 3<sup>rd</sup> 2022

	Product Name	Configuration	Diameter	Diameter Tolarence	Nominal Cross Sectional Area	Breaking Load	Unit Weight	Unit Weight Tolerance	*Reference			
									Tensile Strength	Tensile Modulus	Standard Length	
									[MPa]	[GPa]	[m/drum]	
Single wire	U 2.72	1/2.72	2.72	±0.10	5.8	10.0	8.6	±5%	1,724	133	3,600	
	U 3.52	1/3.52	3.52	±0.15	9.7	16.8	14.4				3,600	
	U 4.25	1/4.25	4.25	±0.20	14.2	24.4	20.9				3,600	
	U 4.77	1/4.77	4.77		17.9	30.8	26.5				3,600	
Stranded wire (1 x 7)	5.3φ	7/1.8	5.3	±0.2	17.2	36.8	27	±5%	2,137	122	7,240	
	6.1φ	7/2.0	6.1		22.7	48.5	36				7,240	
	6.8φ	7/2.3	6.8		28.2	60.3	45				7,240	
	7.3φ	7/2.4	7.3		32.6	69.7	52				7,240	
	7.8φ	7/2.6	7.8		37.2	79.5	60				7,240	
	8.5φ	7/2.8	8.5		44.1	94.2	69				7,240	
	9.0φ	7/3.0	9.0		49.5	105.8	78				7,240	
	9.5φ	7/3.2	9.5		55.1	117.7	86				7,240	
	9.6φ	7/3.2	9.6		56.3	121.0	91				129	7,240
	9.9φ	7/3.3	9.9		59.9	128.0	95				7,240	
	10.4φ	7/3.5	10.4	±0.3	66.1	141.3	104			7,240		
	10.8φ	7/3.6	10.8		71.3	152.4	112			7,240		
	11.2φ	7/3.7	11.2		76.6	163.7	121			7,240		
	11.6φ	7/3.9	11.6		82.2	175.7	129			3,600		
	12.0φ	7/4.0	12.0		88.0	188.1	138			3,600		
	12.5φ	7/4.2	12.5		95.4	203.9	147			3,600		
	12.7φ	7/4.2	12.7		98.5	210.5	155			3,600		
	13.1φ	7/4.4	13.1		104.8	224.0	164			3,600		
	13.4φ	7/4.5	13.4		109.7	234.4	173			3,600		
	15.2φ	7/5.1	15.2		141.1	301.5	224			3,600		
17.5φ	7/5.8	17.5	±0.4	187.1	399.8	294	3,600					
19.4φ	7/6.5	19.4		229.9	491.3	363	3,600					
21.2φ	7/7.1	21.2		274.5	586.6	432	3,600					

☆Specifications are subject to change without notice due to technical improvements.

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