

Superflex basic physical parameters

and standard ferrules for turnback eyes

Andromeda Technical Sheet # SF101-01

Superflex Cable nominal size (D)	Superflex Cable basic physical parameters						Ferrules to EN 13411 (DIN 3093)		
	Minimum Breaking Force (MBF) kN	Mass of cable kg/metre	Nominal Diameter (D) mm	Free Breaking Length	Volume of cable (litres/metre)	Incremental increase in MBF from previous size	Alloy Ferrule nominal size	Alloy Ferrule pressed OD (actually die size)	Estimated press Closing Force needed (tonnes)
Ratio Dx			1.0				1.0	2.0	
Two-5	50	0.31	10	16200	0.121	1.66	10	20	50
Three-0	75	0.47	12	16000	0.169	1.5	12	24	72
Three-5	95	0.60	14	15900	0.225	1.27	14	28	100
Four-0	125	0.79	16	15900	0.289	1.31	16	32	130
Four-5	157	1.00	18	15700	0.361	1.25	18	36	160
Five-0	210	1.31	20	16100	0.441	1.33	20	40	200
Five-5	270	1.68	22	16100	0.576	1.28	22	44	240
Six-5	345	2.12	26	15800	0.784	1.26	26	52	340
Eight-0	530	3.37	32	15800	1.30	1.55	32	68	510
Ten-0	790	4.99	40	15700	2.16	1.47	40	84	800
Twelve-0	1110	6.88	48	16100	3.05	1.42	48	96	1150
Fourteen-0	1460	9.38	56	15600	4.10	1.31	56	112	1500
Seventeen-0	2168	13.6	68	15900	6.10	1.48	70_{um}	136	2300
Twenty-0	3015	19.0	80	15900	8.32	1.39	78_{um}	156	3200
TwentyFour-0	4340	27.4	96	15800	12.0	1.43	96	192	4500

Notes on Pressing of slings above size Ten-0

As at Jan 2015, we could manufacture cables Twelve-0, Fourteen-0, Seventeen-0, Twenty-0 and TwentyFour-0 in lengths of 28 metres from our new pull through braider.

For January 2019 we can press all sizes up to our TwentyFour-0.