

Flexible strands

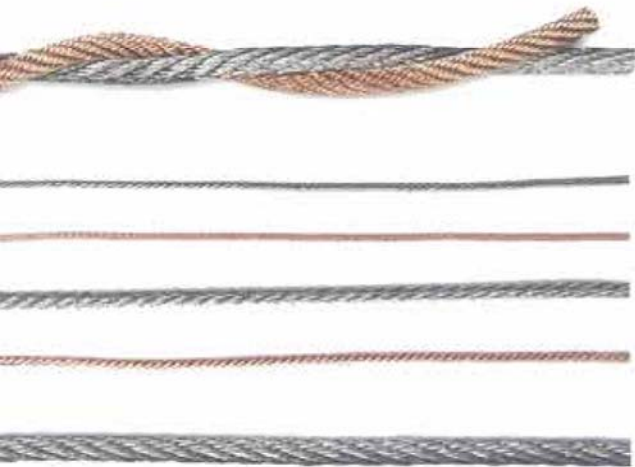
Some applications benefit from wire being stranded rather than woven into a braid. Flexible strand or rope is well suited to cope with complex flexing movements. The ability of individual wires to flex without work hardening is why strand is suitable where vibration or movement is likely to exist. The tight bend radius makes it ideal where alignment problems exist or where space restrictions apply.

Features

- Extensive choice of sizes
- Options for bespoke products
- Current ratings from <30 amps to >470 amps
- Cross sectional areas from 2mm² to 150mm²
- Option for extruded PVC jacket
- Supplied on reels
- Option to supply in pre cut lengths

Choice of Materials

- Electro tin-plated copper
- Plain copper
- Nickel-plated copper
- Alternative non-ferrous & ferrous materials on request
- * 0.15mm plain copper
- * 0.16mm tinned copper



Standard Circular Flexible Strand

Reference	Nominal CSA mm ²	Max Ø mm	Wire Ø mm	Current Rating amps
CF 12-02	2.00	2.10	0.122	30
CF 12-04	4.00	3.20	0.122	50
CF 12-06	6.00	4.20	0.122	60
CF 12-10	10.00	5.30	0.122	80
CF 12-16	16.00	7.00	0.122	110
CF 15-06	6.00	4.30	0.15 *	60
CF 15-10	10.00	5.40	0.15 *	80
CF 15-16	16.00	6.80	0.15 *	110
CF 15-25	25.00	8.20	0.15 *	130
CF 15-35	35.00	10.00	0.15 *	180
CF 15-50	50.00	11.75	0.15 *	230
CF 15-70	70.00	14.50	0.15 *	280
CF 20-06	6.00	4.40	0.20	60
CF 20-10	10.00	5.40	0.20	80
CF 20-16	16.00	6.80	0.20	110
CF 20-25	25.00	8.30	0.20	130
CF 20-35	35.00	10.10	0.20	180
CF 20-50	50.00	11.70	0.20	230
CF 20-70	70.00	14.00	0.20	280
CF 20-95	95.00	15.50	0.20	330
CF 20-120	120.00	18.0	0.20	370
CF 20-150	150.00	21.0	0.20	470