

Flexible Wire

Flexible wires for routing in narrow space

Less ASSY spaces for wire harnesses since wire size is getting larger due to higher voltage and larger current in electric vehicles.



Feature

1

Improve bendiness by 60% due to using flexible insulations

2

ASSY to anywhere with good environmental resistance

3

Not required new capacity investment and keep costs down due to same production methods as before

Performance/Specification

Size	Conductor			Insulation Thickness [mm]	Finiched outer diameter [mm]
	Cross-section area [mm ²]	Outer diameter [mm]	Resistance [mΩ/m] Max. (20degC)		
30	29.03	7.8	0.647	1.3	10.4
40	39.73	9.1	0.473	1.4	11.9
50	50.43	10.1	0.368	1.5	13.1
70	70.29	12.0	0.259	1.5	15.0
95	96.27	14.0	0.196	1.6	17.2