

FLEXIBLE LSZH INSULATED NON SHEATHED SINGLE CORE WIRE / CABLE (H07Z-K) AS PER BS EN 50525-3-41

APPLICATION

These type of wires / cables are designed for applications requiring low smoke, zero halogen properties. Ideal for building wiring, industrial installations, public transport hubs, data centers and hazardous environments, ensuring safety with minimal smoke emissions in case of fire.

CONSTRUCTION

Conductor:	Flexible (Class 5) Annealed Plain Copper Conductor to EN 60228
Insulation:	Zero Halogen Cross-linked compound of Type EI 5 to EN 50363-5
Insulation Colour:	Red, Yellow, Blue , Black , Green / Yellow & Other Colour Available as per Requirement
Printing Text (Example):	TEKAB SIZE H07Z-K 450/750 V BS EN 50525-3-41 MADE IN UAE

TECHNICAL DATA

Operating Temperature:	During Normal Operation - 90°C During Short Circuit Condition - 160°C
Voltage Rating:	450/750 V
Flame Retardant:	IEC 60332-1-2 (upon request)
Halogen Acid Gas Emission:	Max. 0.5% (IEC 60754-1)



SERIAL NO.	TEKAB CODE	NO. OF CORES X CONDUCTOR SIZE (NO. X Sq.mm.)	NOMINAL INSULATION THICKNESS (mm)	APPROX. OVERALL DIA. (mm)	APPROX. WEIGHT (kg/km)
1	H07Z-K	1C X 1.5	0.7	3.0	21
2	H07Z-K	1C X 2.5	0.8	3.6	33
3	H07Z-K	1C X 4	0.8	4.2	49
4	H07Z-K	1C X 6	0.8	4.8	69
5	H07Z-K	1C X 10	1.0	6.1	116
6	H07Z-K	1C X 16	1.0	7.8	180
7	H07Z-K	1C X 25	1.2	9.7	280
8	H07Z-K	1C X 35	1.2	11.0	375
9	H07Z-K	1C X 50	1.4	13.3	540
10	H07Z-K	1C X 70	1.4	15.2	740

SERIAL NO.	TEKAB CODE	NO. OF CORES X CONDUCTOR SIZE (NO. X Sq.mm.)	NOMINAL INSULATION THICKNESS (mm)	APPROX. OVERALL DIA. (mm)	APPROX. WEIGHT (kg/km)
11	H07Z-K	1C X 95	1.6	17.7	990
12	H07Z-K	1C X 120	1.6	19.5	1225
13	H07Z-K	1C X 150	1.8	21.8	1530
14	H07Z-K	1C X 185	2.0	24.0	1870
15	H07Z-K	1C X 240	2.2	27.5	2450

Packing: Packing is available in Coil/Reel/Drum with meters/Yards/Feet.

