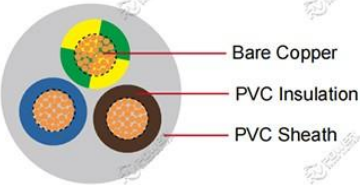
SPIRAL CABLE

SPIRAL CABLES ARE GENERALLY USED WHEREVER LONG-TERM FLEXIBILITY AND LONG SERVICE LIVES WITH HIGH QUALITY REALLY MATTER. NOWADAYS, THEY ARE USED IN COMMUNICATIONS, MEDIA TECHNOLOGY, MEDICAL TECHNOLOGY, THE AUTOMOTIVE INDUSTRY, AND MACHINE AND PLANT ENGINEERING OR AS FEEDER LINES IN THE LIGHTING INDUSTRY.
IN ADDITION TO THEIR BENEFICIAL ELECTROMECHANICAL PROPERTIES, SPIRAL CABLES ALSO PROVIDE OUTSTANDING OPTICAL AND DESIGN SOLUTIONS.

PVC/PVC SPIRAL CABLE



APPLICATION:

THESE PVC SPIRAL CABLES ARE USED IN LIGHTING INDUSTRY, MACHINE INDUSTRY, POWER TOOLS, CONSTRUCTION INDUSTRY, CONSUMER ELECTRONICS, MOBILE EQUIPMENT ETC. THESE CABLES OFFERS EXCELLENT LOW MECHANICAL AND CHEMICAL RESISTANCE CAPABILITIES; MIDDLE ELASTIC FORCE; HAS GOOD LOW-COST ADVANTAGE. PVC CABLES HAVE A HIGH RESET POWER, AN EXCELLENT APPEARANCE AND ESPECIALLY A LONG SERVICE LIFE.

CONSTRUCTION:

CONDUCTOR: BARE COPPER CONDUCTORS ACCORDING TO DIN VDE 0295 AND IEC 60228 CLASS 5

CONDUCTOR SIZES: 0.5MM2 TO 1.5MM2 , 2 TO 5 CORES

CORE INSULATION: PVC CORE INSULATION

CORE COLOR CODE: ACCORDING TO VDE 0293 OR DIN 47100

SHEATH: PVC OUTER SHEATH

SHEATH COLOR: BLACK, WHITE OR GREY

CHARACTERISTICS:

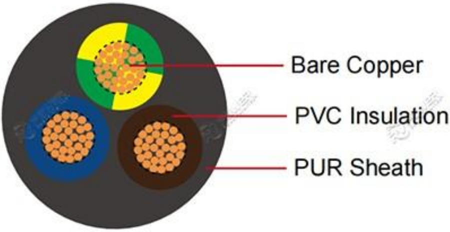
TEMPERATURE RATING: -5°C TO +70°C VOLTAGE RATING:

H03VVH8-F 300/300V (UP TO 1 MM^2)

H05VVH8-F 300/500V (FROM 1.5 MM^2)

TEST VOLTAGE: 2000 V

PVC/PUR SPIRAL CABLE



APPLICATION:

THESE PVC/PUR SPIRAL CABLES ARE USED AS TILL FEEDER CABLE AND THEY ARE IDEALLY SUITED FOR USE OF HIGH QUALITY KITCHEN AND HOUSEKEEPING UTENSILS, LIGHTING,ELECTRICAL TOOLS, BUILDING INDUSTRY, HANDING EQUIPMENT, ENTERTAINMENT EQUIPMENT ETC. THESE CABLES HAVE A HIGH RESET POWER, AN EXCELLENT APPEARANCE AND ESPECIALLY A LONG SERVICE LIFE.

CONSTRUCTION:

CONDUCTOR: STRANDED BARE COPPER CONDUCTORS ACCORDING TO VDE 0295 CLASS 5

CORES TWISTED

CORE INSULATION: PVC CORE INSULATION

CORE COLOR CODE: ACCORDING TO VDE0293 OR DIN 47100

SHEATH: PUR OUTER SHEATH

SHEATH COLOR: BLACK (OTHER COLORS AND TYPES ARE AVAILABLE ON REQUEST)

CHARACTERISTICS:

TEMPERATURE RATING: -5°C TO +80°C

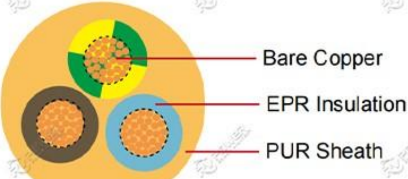
VOLTAGE RATING:

300V/500V (UP TO 1 MM²), FOR TYPE H07BQ-F 450/750 V (UP TO 1.5 MM²)

ELASTICITY RATIO: PVC/PUR BLACK APPROX 1 : 4

TEST VOLTAGE: 2000 V, FOR TYPE H07BQ-F 2500V

EPR/PUR SPIRAL CABLE



APPLICATION:

THESE EPR/PUR SPIRAL CABLES ARE USED AS TILL FEEDER CABLE AND THEY ARE IDEALLY SUITED FOR USE OF HIGH QUALITY KITCHEN AND HOUSEKEEPING UTENSILS, LIGHTING, ELECTRICAL TOOLS, BUILDING INDUSTRY, HANDING EQUIPMENT, ENTERTAINMENT EQUIPMENT ETC. THESE CABLES HAVE A HIGH RESET POWER, AN EXCELLENT APPEARANCE AND ESPECIALLY A LONG SERVICE LIFE.

CONSTRUCTION:

CONDUCTOR: STRANDED BARE COPPER CONDUCTORS ACCORDING TO VDE 0295 CLASS 5

CORES TWISTED

CORE INSULATION: EPR CORE INSULATION

CORE COLOR CODE: ACCORDING TO VDE0293 OR DIN 47100

SHEATH: PUR OUTER SHEATH

SHEATH COLOR: ORANGE (OTHER COLORS AND TYPES ARE AVAILABLE ON REQUEST)

CHARACTERISTICS:

TEMPERATURE RATING: -25°C TO +80°C

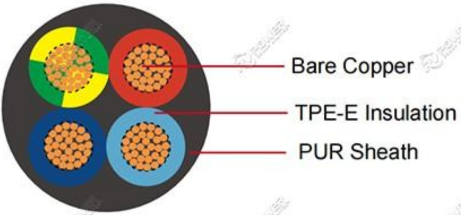
VOLTAGE RATING:

H05BQ-F 300V/500V (UP TO 1 MM^2), FOR TYPE H07BQ-F 450/750 V (UP TO 1.5 MM^2)

ELASTICITY RATIO: EPR/PUR BLACK APPROX 1 : 5

TEST VOLTAGE: H05BQ-F 2000 V, FOR TYPE H07BQ-F 2500V

ELECTRONIC UNSCREENED SPIRAL CABLES (TPE-E/PUR)



APPLICATION:

THESE TPE-E/PUR UNSCREENED SPIRAL CABLES ARE USED IN LIGHTING INDUSTRY, MACHINE INDUSTRY, POWER TOOLS, CONSTRUCTION INDUSTRY, CONSUMER ELECTRONICS, MOBILE EQUIPMENT ETC. THESE CABLES ARE SCREENED AGAINST HIGH FREQUENCY INTERFERENCE. SUITABLE FOR USE IN THE CONTROL CABLE SECTORS REQUIRING THE USE OF SCREENED-SEMI-CONDUCTORS.

CONSTRUCTION:

CONDUCTOR: STRANDED BARE COPPER CONDUCTORS ACCORDING TO DIN VDE 0295

CORES TWISTED

CORE INSULATION: TPE-E CORE INSULATION

CORE COLOR CODE: ACCORDING TO VDE0293 OR DIN 47100

SHEATH: PUR OUTER SHEATH

SHEATH COLOR: BLACK (OTHER COLORS AND TYPES ARE AVAILABLE ON REQUEST)

CHARACTERISTICS:

TEMPERATURE RATING: -25°C TO +85°C

VOLTAGE RATING:

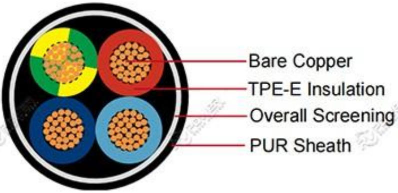
300V (UP TO 0.14 MM^2)

500V (UP TO 0.25 MM^2)

ELASTICITY RATIO: TPE/PUR BLACK APPROX 1 : 4

TEST VOLTAGE: 2000 V

ELECTRONIC SCREENED SPIRAL ABLE (TPE-E/PUR)



APPLICATION:

THESE TPE-E/PUR SCREENED SPIRAL CABLES ARE USED IN LIGHTING INDUSTRY, MACHINE INDUSTRY, POWER TOOLS, CONSTRUCTION INDUSTRY, CONSUMER ELECTRONICS, MOBILE EQUIPMENT ETC. THESE CABLES ARE SCREENED AGAINST HIGH FREQUENCY INTERFERENCE. SUITABLE FOR USE IN THE CONTROL CABLE SECTORS REQUIRING THE USE OF SCREENED SEMI-CONDUCTORS.

CONSTRUCTION:

CONDUCTOR: STRANDED BARE COPPER CONDUCTORS ACCORDING TO DIN VDE 0295 AND IEC 60228 CL. 5

CORES TWISTED

OVERALL SCREENING

CORE INSULATION: TPE-E CORE INSULATION

CORE COLOR CODE: ACCORDING TO VDE 0293 OR DIN 47100

SHEATH: PUR OUTER SHEATH

SHEATH COLOR: BLACK (OTHER COLORS AND TYPES ARE AVAILABLE ON REQUEST)

CHARACTERISTICS:

TEMPERATURE RATING: -25°C TO +70°C

VOLTAGE RATING:

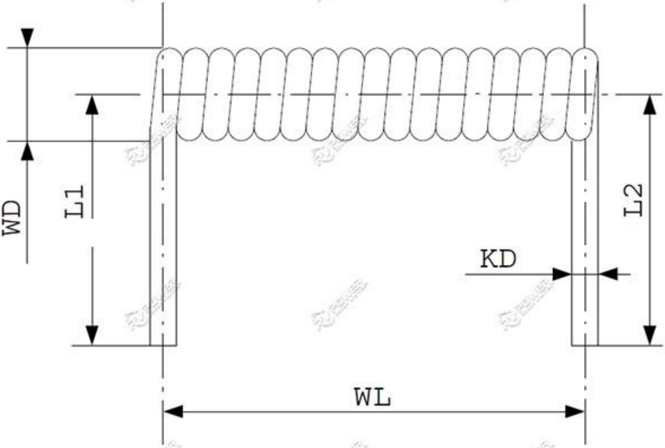
300V (UP TO 0.14 MM^2)

500V (UP TO 0.25 MM^2)

ELASTICITY RATIO: TPE/PUR BLACK APPROX 1 : 4

TEST VOLTAGE: 2000 V

ENQUIRY SPIRAL CABLES



WL: SPIRAL LENGTH WD: SPIRAL OUTER DIAMETER KD: INTERNAL DIAMETER L1 AND L2: END LENGTHS

FOR A QUOTATION OF SPIRAL CABLE WE ASK YOU TO FLL OUT THIS SPECIFCATION FORM:

NUMBER OF CORES : ______________________________

CORE MM2 : ______________________________

SPIRAL LENGTH UNEXTENDED (WL): . ______________________________

END PARTS LENGTH (L1 AND L2, THE STANDARD IS 25 CM): ______________________________

QUANTITY: ______________________________

DETAIL DISPLAY

DETAILS DISPLY

ONE

PVC/PUR outer sheath to withstand high mechanical stress

TWO

Extension lengths of up to 3.5x the unextended spiral length

THREE

High restoring force

FOUR

Various cable cross sections
from 0.7 to 2.5 mm2

29.98
0 10 20
inch/mm OFF ON ZERO

FIVE

Unextended lengths
of > 2.0 m are customizable

OIL RESISTANT

FLAE RESISTANT

HALOGEN FREE

COLD RESISTANT

ABRASION RESISTANT

OZONE RESISTANT

UV RESISTANT

MICROBE RESISTANT

MUD RESISTANT

WATER RESISTANT