Product: HK44 ⧉

MachFlex™ ONE 475YY, 1 C 4 mm² Str BC, PVC Ins

Product Description

MachFlex™ ONE 475YY, 1 Conductor 4 mm² Stranded Bare Copper, PVC Insulation

Technical Specifications

Product Overview

Suitable Applications:	Designed for applications which Laying in tubes, exposed or buried in plaster, and in closed installation ducts. Suitable for assembling cable harnesses and wiring during switch cabinet installation.

Construction Details

Conductor

Element	Size	Stranding	Material
Conductor(s)	4 mm²	Class 5	BC - Bare Copper

Insulation

Material	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	4.3 mm (0.17 in)

Electrical Characteristics

Voltage

Voltage Rating
450 / 750 V (IEC)

Mechanical Characteristics

Temperature

Operating	Installation
IEC/EN : -20°C to +70°C, UL: -20°C to +105°C (Occasional movement)	IEC/EN : -30°C to +80°C, UL: -30°C to +105°C (UL) (Fixed installation)

Bend Radius

Installation Min.	Flexing Min.
17.2 mm (0.677 in)	34.4 mm (1.35 in)

Bulk Cable Weight:	48.9 kg/km (32.9 lbs/1000ft)

Standards and Compliance

Environmental Suitability:	Sunlight Resistance, UV Resistance, Oil Resistance - EN 50290-2-22 (TM54), Oil Resistance
Flammability / Reaction to Fire:	VW-1, IEC 60332-1-2, DIN VDE 0482-332-1-2, DIN EN 60332-1-2
AWM Compliance:	AWM 10669
ISO/IEC Compliance:	IEC 60228
CENELEC Compliance:	EN 50525-2-31
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Other Standard Compliance(s):	VDE 0281, UL 1581, UL 758, HD 21.3, H07Z-K, BS 6360

Product Notes

Notes:	General Reference Standards : DIN VDE 0295, IEC 60227-3, DIN EN 50290-2-21, DIN VDE 0207-363-3

History

Update and Revision:	Revision Number: 0.33 Revision Date: 09-12-2024

Part Numbers

Variants

Item #	Color	Length
HK44 010100M	Black	100 m
HK44 010200M	Black	200 m
HK44 010300M	Black	300 m
HK44 008100M	Gray	100 m
HK44 008200M	Gray	200 m
HK44 008300M	Gray	300 m
HK44 136100M	Yellow/Green	100 m
HK44 136200M	Yellow/Green	200 m
HK44 136300M	Yellow/Green	300 m