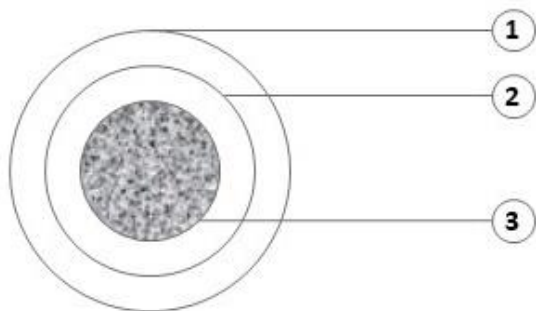


## Single Conductor Cables Double-Insulated in 180 °C FEP and 105 °C PVC Product Range: *FEPPVC*



### SCHEMATIC DRAWINGS

*Single core construction*



### CABLE CONSTRUCTION

1. 105 °C PVC insulation
2. 180 °C FEP insulation
3. Electrolytic tinned copper conductor

### Characteristics

<b>Voltage Rating (U<sub>0</sub>/U):</b>	300/500 V <sub>ac</sub>
<b>Test Voltage:</b>	2500 V <sub>ac</sub>
<b>Temperature Range:</b>	-55 ÷ 180 °C (only on inner insulation) -20 ÷ 105 °C (@ fixed installation)
<b>Bending Radius</b>	≥ 14 x D (@ fixed installation)

Flexform Product Code	Size Conductor [mm <sup>2</sup> ]	Conductor Stranding [N° x mm]	Diameter on Insulation [mm]		Radial Thickness of Insulation [mm]	
			On 1 <sup>st</sup> insulation	On 2 <sup>nd</sup> insulation	On 1 <sup>st</sup> insulation	On 2 <sup>nd</sup> insulation
FEPPVC-003	1 x 0.75	19 x 0.224	1.55 ± 0.05	2.5 ± 0.1	≥ 0.20	≥ 0.50

\* **Colour options:** blue, brown, green/yellow

<b>Standard Reference</b>	Low Voltage European Directive No. 2014/35/UE.
<b>Stranding of Conductor</b>	Electrolytic tinned flexible concentric rope copper conductor
<b>Inner Insulation</b>	R5F type FEP conforming to EN 50363-0 requirements
<b>Outer Insulation</b>	105 °C rated PVC, hardness: [87 ± 2] Sh-A
<b>Marking</b>	Without any marking

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In order to improve our products, the information contained in this technical datasheet can be changed without notice. Please check periodically with our office, the date and issue number.