



# ARCOCAVI

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## Technical Data

**ARCOFLEX 600 V - JZ**  
**PVC - PVC**  
**CABLES FOR ELECTRONICS AND DATA**  
**TRANSMISSION -600V- AWG SECTIONS**

### **A**pplication

ARCOFLEX 600 V-JZ cables are used in machine tools, control systems, connections between control panels and machines, assembly lines and industrial equipment.

They are suitable for installation in dry and wet environments with moderate flexing applications.

Their flexibility and easy stripability is due to the use of talkum powder between conductors and to the pressure moulded outer jacket.

Cables are constructed in accordance with **Style 2587**, which has been approved by UL and CSA.

### **T**ype of cable

**Conductors sections:**

mm<sup>2</sup> 0,5 - 0,75 - 1,5 - 2,5 - 4 - 6 - 10 - 16 - 25 - 35

**Number of conductors:** from 2 up to 41 max.

### **C**onstructional characteristics

**Conductor stranding:** flexible with AWG sizes from AWG 20 up to AWG 2

**Primary insulation:** special PVC compound

**Cores identification:** black numbered + green/yellow

**Stranding:** concentric twisted in layers

**Jacket:** special PVC compound - colour grey RAL 7001  
flame resistant acc. CEI 20-35 and VDE 0472-804B

### **T**echnical characteristics and ratings

**Service voltage:** 600 V

**Test voltage:** 3000 V

**Insulation resistance:** min. 20 Mohm x km (at 20°C)

**Capacitance:** abt. 120 nF/km

**Service temperature:**

movable from -5°C to +90°C

static from -30°C to +90°C

**Min. bending radius:** 15 x external cable diameter

**Flame resistance:** VDE 0472-804B - CEI 20-35

**Standards:** UL - CSA