



# ARCOCAVI

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## Technical Data

**ARCOARMOR**

**PVC - PVC**

**STEEL-WIRE ARMoured CABLES**

### **A**pplication

Production and assembly lines, conveyors, industrial use.

### **T**ype of cable

**Conductors sections:**

mm<sup>2</sup> 0,5 - 0,75 - 1 - 1,5 - 2,5 - 4 - 6

**Number of conductors:** from 3 to 36

### **C**onstructional characteristics

**Conductor stranding:**

flexible class 5 acc. Standards  
VDE 0295 - IEC 228 - CEI 20-29

**Primary insulation:**

special PVC compound  
conductors black numbered + Y/G

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

**Armouring:** steel wire braid - cov. abt. 80%

**Jacket:**

special PVC compound  
colour grey RAL 7001

**Jacket:** special PVC compound - colour  
grey RAL 7001 or different

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

**Service voltage:** 300 / 500 V

**Test voltage:** 2000 V

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

**Temperature:** service from -5°C to +70°C  
storage from -30°C to +80°C

**Min. bending radius:** abt. 15 x ext. cable diametre

**Flame resistance:** VDE 0472-804C - IEC 332-3A - CEI 20-22 II

**Oil resistance:** VDE 0472-803-B ( ASTM2 oil )  
CNOMO E.03.40.150N-NFT46-013  
( for resistance to industrial oils )