

SPECIAL INSULATED SINGLE CORE FLEXIBLE RUBBER (N)SGAÖÜ, (N)SGAFÖÜ (N)SGAFCMÖÜ CABLES



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV - 3,6/6kV
- Min. Bending Radius: 12x Cable Outer Diameter
- Production Standard: EN 50525-2-21, HD 22.4, DIN VDE 0282-4, BS 6500, BS 7919, IEC 60245-4

CONSTRUCTION

Conductor: Electrolytic Annealed, Class 2(NSGAOU) or Class 5(NSGAF..) Stranded Plain Copper Wires (Tinned Conductor on request)

Screen: Tinned copper wires braiding for CMÖÜ Type

Insulation: 3GI3 Type Elastomer Compound

Outer Sheath: 5GM3 Type Elastomer Compound

CODE of CABLE

- (N)SGAÖÜ, (N)SGAFÖÜ, (N)SGAFCMÖÜ

INTRODUCTION

Short circuit and grounding connections are particularly well suited. Rail vehicles, buses, switch cabinets, continuously working installations, pipelines and pipe work ducts, and dry interiors all employ them. Indoor and outdoor systems can also benefit from these wires. Environments that are dry, humid, moist, or greasy. It should not be buried straight underground since it is flame retardant and self-extinguishing during a fire.

SECTION RANGE

- From 1mm² up to 300mm²

CONDUCTOR QUANTITY

- These cables can be produced with single core

COLOUR CODE of CABLE

- Insulation Colours code could be according to the International Standards or customer's request/demand.
* **Other colours can be produced upon the customer requests.**

FIRE PERFORMANCE OF CABLE SHEATHS

- Cables can be supplied with special flame retardant PVC outer sheath to comply with the flame test requirements of IEC 60332 Category A-B and C.