

# TRS 3-1.5

## Tough Rubber Sheath 3-core 1.5mm Mains Cable

LINEAX flexible cable is intended for installations with moving equipment, electric appliances and for building sites. The cable may be rated 0,6/1 kV where the installation has built-in protection and for motors in lifting appliances, machine tools etc.

This cable can be used in refrigerating installations. It can be installed in open air or be buried but with extra mechanical protection.

Max continuous operating conductor temperature in normal use :

+60°C ( in every case of mobile installation)

+85°C ( fixed protected installation )

+200°C ( in short circuit )

Permissible current rating is measured for an ambient temperature of 30°C and a maximum operating and conductor temperature of 85°C .

<b>Construction Characteristics</b>	
Sheath Colour	Black
Conductor Material	Bare copper
Conductor Flexibility	Flexible, class 5
Insulation	Special cross-linked elastomer
Outer Sheath	Special cross-linked elastomer
<b>Dimensional Characteristics</b>	
Conductor Cross-Section	1.5mm/sq
Number of Cores	3
Minimum Outer Diameter	9.2mm
Maximum Outer Diameter	11.9mm
Approx. Weight	135kg/km
<b>Electrical Characteristics</b>	
Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> )	450/750V
Voltage drop, single phase	27V/A.km
Permissible Current Rating in Open Air	23A
<b>Mechanical Characteristics</b>	
Mechanical Resistance to Impact	Very good
Cable Flexibility	Flexible
<b>Usage Characteristics</b>	
Chemical Resistance	Accidental
Waterproof	Good
Flame Retardant	C2, NF C 32-070
Operating Temperature Range	-25 to +55 ° C
Minimum Static Operating Bend Radius	35.7mm
Max. Conductor Temperature in Service	60 ° C
Minimum Dynamic Operating Bend Radius	71.4mm
Short-Circuit Maximum Conductor Temperature	200 ° C
Oil Resistance	Yes
<b>Standards</b>	
International	HD 22.4; HD 516; IEC 60245-4 type 66
National	NF C 32-102-4