

# FLATFLEX-N-C M(StD)HOU UL (EMV) 600V

## Screened Neoprene Flat cable with individually screened cores



### Application

Neoprene Flat cables are suitable for use as both power and control cables for many different types of travelling machinery, the neoprene material provides improved flexibility when compared to PVC which results in longer cable life. Popular applications include :- Hoists, Cranes, Trolley systems, Transfer lines, Container bridges, Machine tools, Elevators etc. They are also suitable for other applications where cables are required to be bent to a tight radius in one direction.

### Construction

Conductor :	Fine stranded plain copper according to VDE 0295 Class 5/6 IEC 60228 Class 5/6
Insulation:	Rubber compound
Core colour :	According to VDE 0293 - up to 5 wires coloured, 6 wires and above black with white numbers with green/yellow earth
Core Arrangement :	Cores arranged side by side in a single layer
Shield :	Coated foil + wrapped tinned wire - coverage ca. 85%
Sheath :	Polychloroprene (Neoprene)
Sheath colour :	Black

### Working Environment

Maximum operating temperature in mobile application :	-30 deg C - + 80 deg C
Maximum temperature at conductor :	+90 deg C
Environment :	Suitable for use in dry & humid areas - suitable for indoor & outdoor use

### Electrical properties

Nominal voltage :	600 V
Test Voltage :	2000 V
Conductor resistance :	In accordance with VDE0295 class 5

### Additional information

Minimum bending radius :	Mobile application - 10 x cable thickness
Oil resistance :	According to VDE 0472
Burning behaviour :	Self - extinguishing & Flame retardant to IEC 60332-1

### Applied Standards

	UL-Style 4540 & acc. To DIN VDE 0250 part 809
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