



## Festoon PUR-HF

### Application Area

These flexible cables are used in mobile applications, conveyor and trolley systems, drag chain applications etc.. Suitable for wet, dry, damp outdoor applications and high mechanical requirements. Cable is halogen free, Oil, Ozone and UV resistant.

### Cable Construction

<b>Conductor</b>	Flexible Stranded Annealed Copper (IEC/EN 60228, VDE 0295, Class 5)
<b>Insulation</b>	Special Halogen free compound
<b>Core Stranding</b>	In layers
<b>Supporting Element</b>	Textile based central strength member
<b>Outer Sheath</b>	HF-PUR
<b>Colours</b>	Outer Sheath: Black and other colours on request Core Colours: Colored cores according to VDE 0293

### Technical Characteristics

<b>Operating Voltage</b>	600 V / 1000 V
<b>Test Voltage</b>	2500 V
<b>Temperature Range</b>	Fixed: -50 °C .....+90 °C, Flexible: -40 °C .....+80 °C
<b>Flame Retardancy</b>	IEC/EN 60332-2-1
<b>Oil Resistance</b>	EN/IEC 60811-2-1, DIN VDE 0473-811-2-1
<b>Festoon Travel Speed</b>	200 m/min.
<b>Drag Chain Travel Speed</b>	200 m/min.
<b>Min. Bending Radius</b>	Fixed: 6 x Cable Diameter, Flexible: 8 x Cable Diameter



## Festoon C-PUR-HF

### Application Area

These flexible cables are used in mobile applications, conveyor and trolley systems, drag chain applications etc.. Suitable for wet, dry, damp outdoor applications and high mechanical requirements. Cable is halogen free, Oil, Ozone and UV resistant.

### Cable Construction

<b>Conductor</b>	Flexible Stranded Annealed Copper (IEC/EN 60228, VDE 0295, Class 5)
<b>Insulation</b>	Special Halogen free compound
<b>Core Stranding</b>	In layers
<b>Supporting Element</b>	Textile based central strength member
<b>Inner Sheath</b>	HF-PUR
<b>Separator</b>	PETP foil
<b>Screen</b>	Tinned Copper Wire Braiding
<b>Outer Sheath</b>	HF-PUR
<b>Colours</b>	Outer Sheath: Black and other colours on request Core Colours: Colored cores according to VDE 0293

### Technical Characteristics

<b>Operating Voltage</b>	600 V / 1000 V
<b>Test Voltage</b>	2500 V
<b>Temperature Range</b>	Fixed: -50 °C .....+90 °C, Flexible: -40 °C .....+80 °C
<b>Flame Retardancy</b>	IEC/EN 60332-2-1
<b>Oil Resistance</b>	EN/IEC 60811-2-1, DIN VDE 0473-811-2-1
<b>Festoon Travel Speed</b>	200 m/min.
<b>Drag Chain Travel Speed</b>	200 m/min.
<b>Min. Bending Radius</b>	Fixed: 6 x Cable Diameter, Flexible: 8 x Cable Diameter