

## BO-SINGLE HF-MOVE PVC UL

EXTRAFLEX CU/PP/PVC

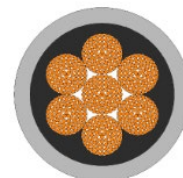


Image for illustration only

|                                                 |                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conductor:</b>                               | Bare copper according to VDE 0295 - IEC 60228 cl.6                                                                                                                                                                                                                                      |
| <b>Insulation:</b>                              | Polypropylene compound                                                                                                                                                                                                                                                                  |
| <b>Colour Code:</b>                             | Black                                                                                                                                                                                                                                                                                   |
| <b>Outer Sheath:</b>                            | PVC compound<br>Colour: Grey RAL 7001 (or to be agreed)                                                                                                                                                                                                                                 |
| <b>Cable Printing:</b>                          | - Standard                                                                                                                                                                                                                                                                              |
| <b>Technical Data &amp; Standard References</b> | <p><b>Temperature Range:</b><br/>- 20°C (IEC 60811-504) +80°C (Flexible application) – Avoid continuous use in chains with temperatures below 0°C<br/>-40°C +80°C (Fixed installation)</p>                                                                                              |
|                                                 | <p><b>Working Voltage:</b> 1000V<br/> <b>Test Voltage:</b> 4000V<br/> <b>Insulation Resistance:</b> At 20°C &gt; 1 GΩ Km<br/> <b>Conductor Resistance:</b> Max at 20°C in accordance with IEC 60228 and VDE 0812</p>                                                                    |
|                                                 | <p><b>Bending Radius:</b> 7,5 X D (Flexible application) - 5 X D (Fixed installation)<br/> <b>Maximum Speed:</b> Up to 180 m/min<br/> <b>Maximum Acceleration:</b> Up to 20 m/sec<sup>2</sup><br/> <b>Length of Chain:</b> 10m (Orizontal only)<br/> <b>Cycle Number:</b> 3.000.000</p> |
|                                                 | <p><b>Flame Resistance:</b> IEC 60332-1-2, UL 1581 VW-1, CSA FT1<br/> <b>Oil Resistance:</b> VDE 0473-811-404, UL 1581, IEC 60811-404<br/> <b>UV Resistance:</b> Yes<br/> <b>Approvals:</b> UL STYLE 21209</p>                                                                          |

## TECHNICAL DATA AND PRODUCT FEATURES

|                                                                                     |                                                                                                                                                                             |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <b>TEMPERATURE RANGE</b><br>-20°C (IEC 60811-504) +80°C (Flexible application) – Avoid continuous use in chains with temperatures below 0°C-40°C +80°C (Fixed installation) |
|    | <b>WORKING VOLTAGE</b><br>1000 V                                                                                                                                            |
|    | <b>TEST VOLTAGE</b><br>4000 V                                                                                                                                               |
|    | <b>FLAME RESISTANCE</b><br>IEC 60332-1-2, UL 1581, CSA FT1                                                                                                                  |
|    | <b>OIL RESISTANCE</b><br>VDE 0473-811-404, UL 1581, IEC 60811-404                                                                                                           |
|   | <b>UV RESISTANCE</b><br>Yes                                                                                                                                                 |
|  | <b>APPROVALS</b><br>UL STYLE 20233 – 20549                                                                                                                                  |
|  | <b>BENDING RADIUS</b><br>7,5 X D (Flexible application) - 5 X D (Fixed installation)                                                                                        |
|  | <b>MAXIMUM SPEED</b><br>Up to 300 m/min                                                                                                                                     |
|  | <b>MAXIMUM ACCELERATION</b><br>Up to 50 m/sec <sup>2</sup>                                                                                                                  |
|  | <b>LENGTH OF CHAIN</b><br>15m (Orizontal only)                                                                                                                              |
|  | <b>CYCLE NUMBER</b><br>3.000.000                                                                                                                                            |

**Application:** Single-core cables with low-capacity insulation and PVC sheath for applications in cable chains with reduced presence of oils