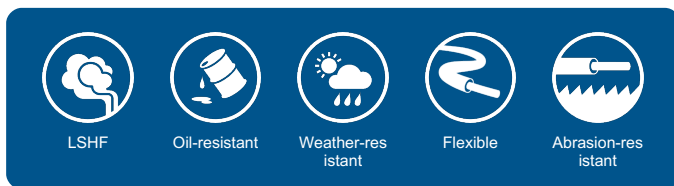




## SPECAFLEX



## APPLICATION

1 kV flexible mining cable with class 5 copper conductors, symmetrical earth conductor and polyurethane (TPU) outer sheath for high mechanical strength and chemical resistance. Suitable for a wide range of mining applications and customizable on request.

## STANDARDS

- Conductor**  
IEC 60228 Class 5
- Construction**  
IEC 60502-1 (IAP)
- Flame retardant**  
IEC 60332-1  
IEC 60332-2
- Halogen free**  
IEC 60754-1  
IEC 60754-2
- Smoke density**  
IEC 61034-1  
IEC 61034-2

## APPROVAL



## CONSTRUCTION

- Bending radius - Final mount fixed**  
6 xOD
- Bending radius - Final mount flex**  
8 xOD
- Color**  
Yellow (or customer choice)
- Conductor**  
Flexible copper conductor class 5 (Tinned on request)
- Inner sheath**  
TPU
- Insulation**  
XLPE (cross linked)
- Labeling example**  
SPECAFlex [3xsize+3Gsize] 0,6/1kV YY/WW
- Outer sheath**  
TPU

## PROPERTIES

- Oil resistance**  
Good
- Max temperature**  
90 °C
- Min. temperature**  
-30 °C
- AC Voltage rating  $U_0/U$**   
0,6/1kV
- Watertightness**  
Good



Name	Outer diameter [mm]	Total weight [kg/km]	Installation Current in open air, ambient temperature 30°C [A]
SPECAFlex 3X25+3X6	23.2	1070	131
SPECAFlex 3X35+3X6	26.1	1370	162
SPECAFlex 3X50+3X10	29.2	1900	202
SPECAFlex 3X70+3X16	35.2	2720	250
SPECAFlex 3X95+3X16	38.2	3350	301
SPECAFlex 3X120+3X25	44.1	4360	352
SPECAFlex 3X150+3X25	49.1	5230	404
SPECAFlex 3X185+3X35	53.7	6510	461
SPECAFlex 3X240+3X50	61.4	9130	540

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