

# Single Core Double Insulated

## 0.6/1kV FLEXIBLE



### APPLICATION

- For medium level mechanical loads. for use in dry and damp locations, for outdoor use or in locations subject to explosion hazards
- For industrial and workshop equipment.
- For connections of mobile machines and engines on construction sites.
- As fixed installation, for example as installation on plaster in temporary buildings.

### DESIGN

1. Flexible copper conductor
2. EPR rubber
3. Elastomeric outer sheath black

### PROPERTIES

- Abrasion resistant
- Roll over Resistant
- Oil resistant
- UV resistant
- Min bending radius: 5 x D

### ADDITIONAL PROPERTIES

- Tinned copper conductors for better resistance against corrosivity (up to and including 6mm<sup>2</sup>)
- 90C max. conductor operating temperature (continuous load)
- Max. short circuit temperature at the conductor of 200C
- Cold flexible up to -40C
- Water resistant for depths of up to 50m (for slightly polluted industrial or household waste water\*) at a max water temperature of 40C

\* In case of heavily polluted waste water, we recommend not to use the cable below a depth of 10m.

Selection and ordering data

Part No.	No. of Cores x Conductor Size mm	Approx. No. of strands x Max. Strand Diameter mm	Max. Outer Diameter mm	Min. bending radii fixed mm	Min. bending radii flexing mm	Net weight kg/km	Unenclosed touching A
RUB1X4	1 X 4	56 x 0.3	8.1	32.4	56.7	100	34
RUB1X6	1 X 6	84 x 0.3	8.9	35.6	62.3	130	44
RUB1X10	1 X 10	80 x 0.4	10.7	42.8	74.9	230	61
RUB1X16	1 X 16	128 x 0.4	12	48	84	280	82
RUB1X25	1 X 25	200 x 0.4	14	56	98	400	108
RUB1X35	1 X 35	280 x 0.4	15.5	62	108.5	540	135
RUB1X50	1 X 50	400 x 0.4	18.5	74	129.5	750	168
RUB1X70	1 X 70	356 x 0.5	21	84	147	1000	207
RUB1X95	1 X 95	485 x 0.5	24	96	168	1310	250
RUB1X120	1 X 120	614 x 0.5	27	108	189	1630	292
RUB1X150	1 X 150	765 x 0.5	30	120	210	2000	335
RUB1X185	1 X 185	944 x 0.5	33	132	231	2420	382
RUB1X240	1 X 240	1225 X 0.5	35	140	245	2980	453