

Aflex® Rubber SDI Flexible Cables NBR/NBR R-90°C

Single, Double Insulated
0.6/1kV
NBR/NBR Rubber
Flexible Cables



Cable Construction

1. Conductors of extra fine wires to international standards to ensure maximum flexibility.
2. Insulation allows conductor temperatures of 90°C and is extremely flexible NBR.
3. Special Aflex NBR outer sheath for outstanding toughness and flexibility, resistant to acids, sea water, water, oils and most solvents.
4. UV stabilised and Flame retardant to IEC 60332-1 EG-low voltage regulation 73/72/EWG.

Temperature Range

-30 to +90°C static -20 to +90°C flexing

Rated Voltage

0.6/1kV

Relevant Standards

AS/NZ5000.1, AS/NZS 1125,
IEC 60228, IEC 60332-1

Maximum Conductor Temperatures

90°C

Bending Radius

5 times diameter of cable.

Available Colours

Black, Blue, Red or Orange
Subject to availability

Typical Uses

Power. Switchboards, flexible droppers from busbars, transformers, load banks or other equipment requiring fixed installation wiring.

Automotive. Battery leads, battery chargers, electric forklifts, etc.

Welding. Earth and electrode leads.

The materials used in the manufacture of these cables are RoHS Compliant.

Technical Data:

Part number	Cross Sectional area mm ²	Nominal Stranding	Approx. Cable Weight Kg/Km	Nominal Amps 40°C Spaced	Three Phase Mv/Am @ 50 Hz	Max. DC resistance Ohms/Km @ 20°C	Nominal O.D.
AFX006	6	172/0.21	118	59	6.81	3.30	8.5
AFX010	10	304/0.21	172	81	4.05	1.98	9.5
AFX016	16	462/0.21	231	110	2.55	1.21	10.8
AFX025	25	742/0.21	350	145	1.62	0.731	12.5
AFX035	35	1050/0.21	451	180	1.17	0.536	13.5
AFX050	50	1482/0.21	605	220	0.872	0.402	15.5
AFX070	70	2090/0.21	810	280	0.615	0.266	17.5
AFX095	95	2812/0.21	1075	350	0.457	0.208	20.0
AFX120	120	1480/0.31	1332	410	0.373	0.161	22.0
AFX150	150	1887/0.31	1654	470	0.316	0.126	24.5
AFX185	185	2294/0.31	2060	550	0.269	0.104	27.0
AFX240	240	3034/0.31	2576	660	0.227	0.0803	30.0
AFX300	300	3811/0.31	3213	770	0.202	0.0632	34.0
AFX400	400	5246/0.31	4200	900	0.183	0.0465	39.0