

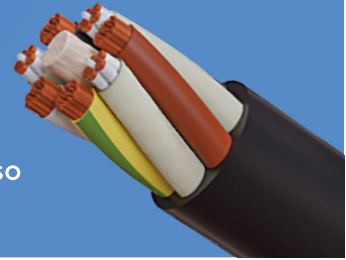
MUNFLEX CONSTRUCTION T-LIFT

Special Lift Cable

LiYY/T 15x1.0 + 4x6.0mm²/10.0/16.0mm²

Application

MUNFLEX CONSTRUCTION T-LIFT cables are used in personnel and material lift applications. These cables are suitable for use in harsh environments where extreme temperatures and moisture content are present. They are also highly tolerant to the presence of oil and various chemicals.



Construction

Conductor :	bare stranded copper according to DIN EN 60228 class 6
	1,00 mm ² - 56 x 0,15 mm
	6,00 mm ² - 180 x 0,20 mm
	10,0 mm ² - 320 x 0,20 mm
	16,0 mm ² - 476 x 0,20 mm
Insulation :	PVC T14 according to DIN EN 50363-3
Colours :	1,00mm ² : white with black numbers 1-15
	6,0 / 10,0 / 16,0mm ² : brown, black, grey, green-yellow

Bundles (5x1,0mm)

Centre :	PP-filler
1st layer :	5 cores 1,0mm with special adjusted layering (S-direction)
	1. bundle : ZD 1 - 5, 2. bundle : ZD 6 - 10, 3. bundle : ZD 11 - 15

Cabling

Centre :	suspension unit (sisal)
Taping :	textile tape
1st layer :	3 bundles 5x1,0mm with 4 cores 6,0 / 10,0 / 16,0mm ² with special adjusted layering, stranded according to the sketch. (S-direction)
Jacket :	PVC TM4 according to DIN EN 50363-4-1
Colour :	black RAL 9005

Technical Data

Conductor resistance :	1,00mm ² - max. 19,5 Ohm / km
	6,00mm ² - max. 3,30 Ohm / km
	10,0mm ² - max. 1,91 Ohm / km
	16,0mm ² - max. 1,21 Ohm / km
Nominal voltage :	max. 500 Volt
Spark test :	core / core - 3.000 Volt
Break down voltage :	min. 6.000 Volt

Temperature range

In flexible use :	-30° C up to +70° C
In fixed installation :	until -40° C

Remaining Data

Bending radius moving :	12 x cable diameter
Bending radius fixed :	8 x cable diameter
FR047394 :	LiYY/T 15x1,0 + 4x6,00mm ² - diameter Ø 23,4 +/- 1,0 mm - wall thickness ca. 2,2 mm
FR047136 :	LiYY/T 15x1,0 + 4x10,0mm ² - diameter Ø 25,7 +/- 1,1 mm - wall thickness ca. 2,2 mm
FR047183 :	LiYY/T 15x1,0 + 4x16,0mm ² - diameter Ø 29,4 +/- 1,2 mm - wall thickness ca. 2,5 mm