



CONTACT

Market information
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Controlcables with twisted pairs for data and signal transmission. For extremely dynamic and drag-chain application , shielded, TPU-jacket, oil resistant, flame retardant, halogen free, UL and CSA approved

STANDARDS

Product UL and CSA approval

Cables designed for continuous moving application, high flexible, oil resistance, halogen free

Applications:

- Tracksystems for tool machines
- Wood machines
- Automatic lines for assembly
- Handling
- Packaging
- Other applications with moderate stresses

CHARACTERISTICS

Construction characteristics

Conductor material	Bare copper
Insulation	Polyolefin
Insulation colour	DIN 47100
Taping	Non woven tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	PUR
Sheath colour	Grey RAL 7001
Halogen free	Yes

Electrical characteristics

Rated Voltage U ₀ /U	300 V
Test voltage	1500 V

Mechanical characteristics

Bending cycles	10 Mio.
Speed	600 m/min
Maximum acceleration	60 m/s ²



Halogen free
Yes



Operating temp.
-30 ... 80 °C



Storage temperature, range
-40 ... 80 °C



Flame retardant
IEC/EN 60332-1-2; FT1; UL 1581 FT1



Oil resistance
EN 50363-10-2

Usage characteristics

Field of application	Dynamic
Operating temperature, range	-30 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Minimum dynamic operating bending radius	6.5 (xD)
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1
Oil resistance	EN 50363-10-2

PRODUCTLIST

Reference	Name	Cross section [mm ²]	Nb. of cores	Construction type	Outer Diameter [mm]	Approx. weight [kg/km]
10555869	MOVETRONIC TP C PUR 2 x 2 x 0.25 mm ²	0.25	4	(2x2x0,25)C	5.8	43
10557126	MOVETRONIC TP C PUR 3 X 2 X 0.25 mm ²	0.25	6	(3x2x0,25)C	6.1	46
10554904	MOVETRONIC TP C PUR 4 X 2 X 0.25 mm ²	0.25	8	(4x2x0,25)C	6.9	58
10554906	MOVETRONIC TP C PUR 5 X 2 X 0.25 mm ²	0.25	10	(5x2x0,25)C	7.1	69
	MOVETRONIC TP C PUR 5 X 2 X 0.25 mm ²	0.25	10	(5x2x0,25)C	7.3	69
10555817	MOVETRONIC TP C PUR 6 X 2 X 0.25 mm ²	0.25	12	(6x2x0,25)C	7.8	79
10554910	MOVETRONIC TP C PUR 8 X 2 X 0.25 mm ²	0.25	16	(8x2x0,25)C	9.3	122
	MOVETRONIC TP C PUR 10 X 2 X 0.25 mm ²	0.25	20	(10x2x0,25)C	9.9	129
10554914	MOVETRONIC TP C PUR 2 x 2 x 0.34 mm ²	0.34	4	(2x2x0,34)C	6.1	50
10573509	MOVETRONIC TP C PUR 3 X 2 X 0.34 mm ²	0.34	6	(3x2x0,34)C	6.4	54
10563003	MOVETRONIC TP C PUR 4 X 2 X 0.34 mm ²	0.34	8	(4x2x0,34)C	7.3	70
10573530	MOVETRONIC TP C PUR 5 X 2 X 0.34 mm ²	0.34	10	(5x2x0,34)C	7.5	77
	MOVETRONIC TP C PUR 6 X 2 X 0.34 mm ²	0.34	12	(6x2x0,34)C	8.2	96
10573531	MOVETRONIC TP C PUR 8 X 2 X 0.34 mm ²	0.34	16	(8x2x0,34)C	9.9	142
10573532	MOVETRONIC TP C PUR 10 X 2 X 0.34 mm ²	0.34	20	(10x2x0,34)C	10.5	146



Halogen free
Yes



Operating temp.
-30 ... 80 °C



Storage temperature, range
-40 ... 80 °C



Flame retardant
IEC/EN 60332-1-2; FT1; UL 1581 FT1



Oil resistance
EN 50363-10-2