

# The Mueller Group, Inc.

## FLEX-UL-P



**FLEX-UL-P** is a gray, oil-resistant, polyurethane, UL/CSA and CE approved, flexible multi-conductor control cable designed for use in all electrical equipment in dry, damp and wet conditions. Common applications include CNC machines, machine tools, control systems, assembly lines, control panel to machine connections, grinding machines and bottling equipment. The polyurethane jacket ensures excellent chemical, coolant, abrasion and tear resistance.



- **BENDING RADIUS:** 7.5 x Cable Diameter
- **TEMPERATURE:** -40° C. to +80° C. (Flame protection to IEC 60332.1)
- **RATED WORKING VOLTAGE:** 300/500V. (600V UL/CSA)
- **STRANDING:** VDE 0295 Class 5 - IEC 60228 (fine bare copper)
- **COLOR CODE:** VDE 0293 - Black Cores w/ White Numbers & Green/Yellow Ground. \*OZ has NO ground
- **APPROVALS:** UL-AWM Style 20234, CSA-AWM II A/B FT1, CE Low-Voltage Directive & ROHS Compliant.

PART NUMBER	CORES	NOMINAL OD	LBS/MFT	KG/KM
<b>20 AWG (16/32) 0,50mm<sup>2</sup></b>				
1702002 OZ	2	0.232" / 5.9mm	35	52
1702003	3	0.248" / 6.3mm	43	64
1702004	4	0.264" / 6.7mm	48	72
1702005	5	0.287" / 7.3mm	59	88
1702007	7	0.335" / 8.5mm	87	130
1702012	12	0.429" / 10.9mm	131	196
1702018	18	0.508" / 12.9mm	174	260
1702025	25	0.610" / 15.5mm	247	368
<b>18 AWG (24/32) 1,00mm<sup>2</sup></b>				
1701802 OZ	2	0.248" / 6.3mm	38	57
1701803	3	0.264" / 6.7mm	46	68
1701804	4	0.287" / 7.3mm	53	79
1701805	5	0.311" / 7.9mm	65	97
1701807	7	0.362" / 9.2mm	95	141
1701812	12	0.465" / 11.8mm	142	211
1701818	18	0.555" / 14.1mm	190	284
1701825	25	0.673" / 17.1mm	264	394
1701834	34	0.760" / 19.3mm	349	521
1701841	41	0.835" / 21.2mm	408	609
<b>16 AWG (30/30) 1,50mm<sup>2</sup></b>				
1701602 OZ	2	0.272" / 6.9mm	50	75
1701603	3	0.295" / 7.5mm	64	96
1701604	4	0.319" / 8.1mm	78	117
1701605	5	0.343" / 8.7mm	94	140
1701607	7	0.417" / 10.6mm	124	186
1701609	9	0.528" / 13.4mm	164	244
1701612	12	0.528" / 13.4mm	214	319
1701618	18	0.622" / 15.8mm	303	451
1701625	25	0.744" / 18.9mm	419	625
1701634	34	0.854" / 21.7mm	570	850
1701641	41	0.933" / 23.7mm	698	1041

Sizes continued on next page.

**The Mueller Group, Inc.**

European Wire & Cable Specialists

...where we know cable down to the wire!!!

Toll Free: 888-882-4638

www.muellergroup.net

Flexible Control Cables