

OLFLEX® PUR S



Flexible Cold-Resistant Polyurethane Control Cable with Superfine Conductor Stranding

OLFLEX® PUR S is a highly flexible PUR insulated and PUR jacketed control cable. It has excellent oil and abrasion resistance and cold temperature performance.

Recommended Applications:

Forestry equipment, Farming equipment, Utility trucks and other cold temperature applications where abrasion and flexibility are required.

Application Advantage:

- Very good cold temperature performance
- Excellent oil and abrasion resistance
- Halogen-Free
- Cold Climate/ Rigid Applications

OLFLEX® PUR S Construction:

Extra fine stranded plain copper conductors; polyurethane insulation; and black PUR outer jacket.



Cable Attributes, See Page 653

	Oil Resistance: OR-05		Flame Resistance: FR-01
	Motion Type: FL-01		Mechanical Properties: MP-05

Availability:

Standard put-ups are 164ft, 328ft, 1640ft, and 3280ft. Bulk reels can be cut to length.

Complete the installation with:

	SKINTOP® Strain Relief: Page 486		EPIC® Connectors: Page 251
	OLFLEX® Tubing: Page 546		SKINTOP® MS: Page 486

Technical Data:

	Minimum Bending Radius for flexible use:	15 x cable diameter		Conductor Stranding:	Fine Wire per VDE 0295, Class 6
	Temperature Range: for flexible use:	-30°C to +80°C		Color Code:	- PUR S 17: - PUR S 27: Chart 9, Page 674 Numbered Conductors
	Nominal Voltage:	300/500V		Approvals:	For machinery in accordance with SS EN 60204-1: 1992 "Electrical Equipment On Industrial Machines"
	Test Voltage:	3000V			

OLFLEX® PUR S 17: Colored Conductors

Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	Nominal Outer Diameter mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	Approx. Weight kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	Nominal Outer Diameter mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	Approx. Weight kg/km
20 AWG							38000987	12	.421	10.7	75	65	96
38000969	2	.209	5.3	7	6	10	38000988	15	.476	12.1	94	73	108
38000975	12	.374	9.5	40	39	58	38000989	18	.508	12.9	113	87	130
18 AWG							38000991	25	.606	15.4	156	121	180
38000980	2	.228	5.8	13	11	16	16 AWG						
38000981	3	.240	6.1	19	16	24	38001005	2	.276	7.0	18	20	30
38000982	4	.264	6.7	25	22	32	38001006	3	.291	7.4	27	30	45
38000983	5	.287	7.3	31	26	38	38001013	12	.535	13.6	109	116	173
38000984	7	.339	8.6	44	34	50							

OLFLEX® PUR S 27: Numbered Conductors

Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	Nominal Outer Diameter mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	Approx. Weight kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	Nominal Outer Diameter mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	Approx. Weight kg/km
20 AWG							38002948	12	.421	10.7	75	65	96
38002560	3	.220	5.6	10	10	15	38002949	18	.500	12.9	113	87	130
38002561	4	.240	6.1	13	13	20	38000332	25	.606	15.4	156	121	180
18 AWG							17 AWG						
38002567	3	.240	6.1	13	16	24	38000424	25	.642	16.3	156	161	240
38002569	4	.264	6.7	25	22	32	16 AWG						
38002571	5	.287	7.3	31	26	38	38002574	3	.291	7.4	27	30	45
38002947	7	.339	8.6	44	34	50	38003270	4	.327	8.3	36	40	60