



HSM Wire International, Inc

Ph: 330-244-8501 Fax: 330-244-8561

www.hsmwire.com



LITZ CABLE		SINGLE OR HEAVY EXTRUDED - FEP or PVC					
STRANDS		NOMINAL WIRE (#'S ARE ROUNDED)					
No.	AWG	CABLE AREA CIR. MILS.	MEAN O.D. INCHES	Cable Weight	Feet per Pound	Extrusion Type	Extrusion Amount
1	18	1624	0.072	n/a	134	FEP	15 mil
42	28	6669.6	0.130	n/a	41.1	FEP	10 mil
4	30	400	0.032	n/a	609	FEP	5 mil
17	30	1700	0.073	n/a	140	FEP	10 mil
20	30	2000	0.076	n/a	122	FEP	10 mil
25	30	2500	0.090	n/a	97.2	FEP	10 mil
40	30	4000	0.100	n/a	n/a	FEP	10 mil
42	30	4200	0.105	n/a	61.9	PVC	10 mil
70	30	7000	0.132	n/a	38.9	FEP	10 mil
110	30	11000	0.172	n/a	25.6	FEP	10 mil
130	30	13000	0.203	53.3 lbs/kft	n/a	FEP	20 mil
315	30	31500	0.336	122.1 lbs/kft	n/a	PVC	30 mil
475	30	47500	0.350	164.8 lbs/kft	6	FEP	15 mil
546	30	54600	0.380	188 lbs/kft	5.3	FEP	15 mil
675	30	67500	0.446	248 lbs/kft	n/a	PVC	43 mil
1500	30	150000	0.650	546.7 lbs/kft	n/a	FEP	30 mil
2107	30	210700	0.813	786 lbs/kft	n/a	PVC	n/a
30	33	1512.3	0.068	n/a	155	FEP	10 mil
35	33	1764.35	0.079	n/a	128	FEP	12 mil
100	33	5041	0.116	n/a	53.2	FEP	10 mil

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No.	AWG	CABLE AREA CIR. MILS.	MEAN O.D. INCHES	Cable Weight	Feet per Pound	Extrusion Type	Extrusion Amount
119	33	5998.79	0.135	n/a	41	FEP	15 mil
210	33	10586.1	0.154	37.7 lbs/kft	26.5	FEP	10 mil
525	33	26465.25	0.280	97 lbs/kft	n/a	PVC	30 mil
875	33	44108.75	0.340	154 lbs/kft	6.5	FEP	15 mil
3360	33	169377	0.772	637.3 lbs/kft	n/a	PVC	25 mil
60	34	2381.4	0.085	n/a	103	FEP	10 mil
100	36	2500	0.094	10.4 lbs/kft	96.6	FEP	10 mil
500	36	12500	0.178	n/a	22	FEP	10 mil
660	36	16500	0.208	62 lbs/kft	16	FEP	15 mil
660	36	16500	0.212	n/a	15.6	FEP	17 mil
660	36	16500	.536 x .268	144.9 lbs.kft	n/a	PVC	45 mil
750	36	18750	0.230	n/a	13.6	FEP	20 mil
1050	36	26250	0.260	95.5 lbs/kft	10.4	FEP	15 mil
8500	36	212500	0.874	841.8 lbs/kft	n/a	PVC	85 mil
8512	36	212800	0.789	794 lbs/kft	n/a	PVC	n/a
6	38	96	0.035	n/a	799	FEP	10 mil
10	38	160	0.036	1.25 lbs/kft	799	FEP	10 mil
10	38	160	0.046	n/a	540	FEP	15 mil
15	38	240	0.035	n/a	745	FEP	7-8 mil
16	38	256	0.041	1.69 lb/kft	590	FEP	10 mil

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No.	AWG	CABLE AREA CIR. MILS.	MEAN O.D. INCHES	Cable Weight	Feet per Pound	Extrusion Type	Extrusion Amount
16	38	256	0.051	n/a	423	FEP	15 mil
20	38	320	0.043	n/a	512	FEP	10 mil
25	38	400	0.046	n/a	437	FEP	10 mil
25	38	400	0.056	n/a	330	FEP	15 mil
40	38	640	0.053	3.23 lbs/kft	309	FEP	10 mil
45	38	720	0.055	3.534 lbs/kft	282.9	FEP	10 mil
66	38	1056	0.065	n/a	201	FEP	10 mil
105	38	1680	0.075	n/a	137	FEP	10 mil
162	38	2592	0.090	n/a	95	FEP	10 mil
250	38	4000	0.110	15.3 lbs/kft	65	FEP	10 mil
260	38	4160	0.106	n/a	67	PVC	10 mil
260	38	4160	0.106	n/a	62.2	FEP	10 mil
300	38	4800	0.125	14.8 lbs/kft	55	FEP	10 mil
300	38	4800	0.148	n/a	41.3	FEP	25 mil
420	38	6720	0.132	n/a	40.6	FEP	10 mil
420	38	6720	0.132	n/a	43	PVC	10 mil
660	38	10560	0.153	38 lbs/kft	26.3	FEP	10 mil
1050	38	16800	0.200	n/a	17	FEP	10 mil
6625	38	106000	0.629	409.3 lbs/kft	n/a	PVC	65 mil
7875	38	126000	0.714	502 lbs/kft	n/a	PVC	85 mil

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No.	AWG	CABLE AREA CIR. MILS.	MEAN O.D. INCHES	Cable Weight	Feet per Pound	Extrusion Type	Extrusion Amount
13200	38	211200	0.875	805 lbs/kft	n/a	PVC	85 mil
42	40	403.62	0.047	n/a	417	FEP	10 mil
60	40	576.6	0.051	3.1 lbs/kft	325	FEP	10 mil
125	40	1201	0.064	n/a	181	FEP	10 mil
200	40	1922	0.086	n/a	118	FEP	10 mil
400	40	3844	0.110	n/a	62.6	FEP	10 mil
435	40	4180.35	0.109	n/a	58.2	FEP	10 mil
800	40	7688	0.138	n/a	33.6	FEP	10 mil
1100	40	10571	0.174	n/a	23.9	PVC	20 mil
1100	40	10571	0.164	n/a	23.3	FEP	10 mil
2000	40	19220	0.230	n/a	13.2	FEP	15 mil
10	42	62.5	0.022	.48 lbs/kft	2108	FEP	6 mils
66	42	412.5	0.047	n/a	423	FEP	10 mil
150	42	937.5	0.06	n/a	228	FEP	10 mil
400	42	2500	0.088	n/a	94.5	FEP	10 mil
435	42	2718.75	0.095	n/a	87	FEP	10 mil
900	42	5625	0.130	n/a	45.1	FEP	10 mil
11	44	44	0.034	n/a	971	FEP	10 mil
25	44	100	0.022	n/a	n/a	PVC	10 mil
26	44	104	0.015	n/a	50.26	FEP	10 mil

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No.	AWG	CABLE AREA CIR. MILS.	MEAN O.D. INCHES	Cable Weight	Feet per Pound	Extrusion Type	Extrusion Amount
100	44	400	0.042	n/a	499	FEP	10 mil
105	44	420	0.044	n/a	467	FEP	10 mil
180	44	720	0.056	n/a	190	FEP	10 mil
360	44	1440	0.072	n/a	160	FEP	10 mil
405	44	1620	0.074	n/a	112	FEP	10 mil
420	44	1680	0.078	n/a	100	FEP	10 mil
650	44	2600	0.092	n/a	91	FEP	10 mil
700	44	2800	0.103	n/a	76.2	FEP	10-15 mil
1680	44	6720	.328 x .057	29.7 lbs/kft	n/a	FEP	10 mil
420	46	1038.4	0.066	n/a	195	FEP	10 mil
660	46	1630.2	0.072	n/a	145	FEP	10 mil
18	48	27.72	0.0268	n/a	1732	FEP	10 mil
125	48	193	0.032	n/a	893	FEP	7 mils
675	48	1039.5	0.067	n/a	300	FEP	10 mil
1000	50	980	0.122	n/a	116	PVC	10 mil

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LITZ CABLE		SINGLE OR HEAVY EXTRUDED - OTHER TYPES				
STRANDS		NOMINAL WIRE (#'S ARE ROUNDED)				
No.	AWG	CABLE AREA CIR. MILS.	MEAN O.D. INCHES	Cable Weight	Extrusion Type	Extrusion Amount / % Lap
70	18	113680	.576 x .238	364.5 lbs/kft	Nomex 410 Tape	0.003/50%
90	18	146160	.462 x .362	463.9 lbs/kft	Nomex 410 Tape	0.003/50%
200	20	204800	.766 x .366	n/a	Glass Tape	.004/50%
12	26	3033.6	0.075	9.98 lbs/kft	Kapton Tape	.007/50%
65	26	16432	0.170	52.4 lbs/kft	Nomex Tape	.003/50%
42	28	6669.6	0.110	21.8 lbs/kft	Kapton Tape	2 x .001/50%
720	30	72000	0.554	285.9 lbs/kft	Polyester Jacket	0.05
1953	30	195300	0.632	.659 lbs/kft	Mylar Tape	.005/50%
2520	30	252000	0.715	.848 lbs/kft	Mylar Tape	.005/50%
10	32	640	0.036	508 ft/lb	PET Wrap	1 layer
39	32	2496	0.070	127 ft/lb	Celanese Wrap	1 layer
32	33	1613.12	0.056	193.9 ft/lb	Celanese Wrap	1 layer
40	34	1587.6	0.054	1.78 lbs/kft	Dacron	Single
98	36	2450	0.069	126 ft/lb	Celanese Wrap	1 layer
330	36	8250	.128 x .128	27.7 lbs/kft	Nomex Tape	0.5
1800	36	45000	0.310	151.4 lbs/kft	Kapton Tape	.002/50%
2700	36	67500	0.409	227.4 lbs/kft	Kapton Tape	.003/50%
40	38	640	0.036	484 ft/lb	Nomex thread	Single
45	38	720	0.037	440 ft/lb	Polyester Wrap	1 layer

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STRANDS		NOMINAL WIRE (#'S ARE ROUNDED)				
No.	AWG	CABLE AREA CIR. MILS.	MEAN O.D. INCHES	Cable Weight	Extrusion Type	Extrusion Amount / % Lap
200	38	3200	0.125	13.9 lbs/kft	Silicone Rubber	0.023
260	38	4160	0.094	13.6 lbs/kft	Kapton Tape	.001/50%
675	40	6486.75	0.361	n/a	Silicone Rubber	2 layers
1075	40	10330.75	0.662	n/a	Silicone Rubber	3 layers
2	42	12.5	0.005	25125 ft/lb	Polyvinyl Butyral	1 layer
345	42	2156	0.210	22.1 lbs/kft	Silicone Rubber	.020 & .050 mil
4	44	16	n/a	20276 ft/lb	PolyBond #1	1 layer
3	46	7.41	0.004	41267 ft/lb	PolyBond #1	1 layer

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