

Flexible RoHS FEP Insulation- Shield- RoHS Silicone Jacket

90 % Tin Plated Shield								Max Temp Rating 150C
Voltage Rating 600VAC								200 C Available Upon Request
	Specific Gravity	Temp.	Dielectric Constant	Volt Break Per Mil.	Flexibility	Abrasion	Gasoline	
Teflon ® (FEP)	2.2	-70°- 200°	2.1	600	Fair	Excellent	Excellent	
	Specific Gravity	Temp. Range	Dielectric Constant	Volt Break Per mil	Flexibility	Abrasion	Gasoline	
Silicone	1.32	-65°- 200°	3	600	Excellent	Fair	Good	
	AWG	Strands	Uninsulated	Insulated	Diameter	Overall	Weight	
PART NUMBER	Size	No./Size	Conductor Diameter	Conductor Diameter	Over Shield (Nominal)	Diameter (Nominal)	(lbs./M Ft.)	
ONE CONDUCTOR								
1-FEP-20105-S-SIL	20	105/40	0.039	0.054	0.068	0.092	8.6	
1-FEP-2265-S-SIL	22	65/40	0.031	0.04	0.054	0.074	5.6	
1-FEP-2441-S-SIL	24	4 1/40	0.023	0.031	0.045	0.065	4.2	
1-FEP-2666-S-SIL	26	66/44	0.019	0.024	0.038	0.058	3.1	
1-FEP-2841-S-SIL	28	4 1/44	0.015	0.02	0.034	0.054	2.4	
1-FEP-2951-S-SIL	29	51/46	0.014	0.019	0.033	0.053	2.3	
1-FEP-3041-S-SIL	30	4 1/46	0.012	0.017	0.031	0.051	2.1	
TWO CONDUCTOR								
2-FEP-20105-S-SIL	20	105/40	0.039	0.054	0.116	0.146	16.8	
2-FEP-2265-S-SIL	22	65/40	0.031	0.04	0.09	0.12	11.2	
2-FEP-2441-S-SIL	24	4 1/40	0.023	0.031	0.073	0.103	8	
2-FEP-2666-S-SIL	26	66/44	0.019	0.024	0.059	0.079	5.2	
2-FEP-2841-S-SIL	28	4 1/44	0.015	0.02	0.052	0.072	4.1	
2-FEP-2951-S-SIL	29	51/46	0.014	0.019	0.05	0.07	3.7	
2-FEP-3041-S-SIL	30	4 1/46	0.012	0.017	0.046	0.066	3.4	
THREE CONDUCTOR								
3-FEP-20105-S-SIL	20	105/40	0.039	0.054	0.13	0.16	22.5	
3-FEP-2265-S-SIL	22	65/40	0.031	0.04	0.1	0.13	14.6	
3-FEP-2441-S-SIL	24	4 1/40	0.023	0.031	0.081	0.111	10.3	
3-FEP-2666-S-SIL	26	66/44	0.019	0.024	0.065	0.089	6.9	
3-FEP-2841-S-SIL	28	4 1/44	0.015	0.02	0.057	0.081	5.3	
3-FEP-2951-S-SIL	29	51/46	0.014	0.019	0.055	0.075	4.6	
3-FEP-3041-S-SIL	30	4 1/46	0.012	0.017	0.05	0.07	4	
FOUR CONDUCTOR								
4-FEP-20105-S-SIL	20	105/40	0.039	0.054	0.144	0.174	28.5	
4-FEP-2265-S-SIL	22	65/40	0.031	0.04	0.11	0.14	18.3	
4-FEP-2441-S-SIL	24	4 1/40	0.023	0.031	0.088	0.112	12.2	
4-FEP-2666-S-SIL	26	66/44	0.019	0.024	0.072	0.096	8.6	
4-FEP-2841-S-SIL	28	4 1/44	0.015	0.02	0.062	0.082	6.2	
4-FEP-2951-S-SIL	29	51/46	0.014	0.019	0.06	0.08	5.6	
4-FEP-3041-S-SIL	30	4 1/46	0.012	0.017	0.055	0.075	4.9	

FIVE CONDUCTOR								
5-FEP-20105-S-SIL	20	105/40	0.039	0.054	0.159	0.189	34.3	
5-FEP-2265-S-SIL	22	65/40	0.031	0.04	0.122	0.152	21.8	
5-FEP-2441-S-SIL	24	4 1/40	0.023	0.031	0.097	0.127	15.1	
5-FEP-2666-S-SIL	26	66/44	0.019	0.024	0.078	0.102	10	
5-FEP-2841-S-SIL	28	4 1/44	0.015	0.02	0.068	0.088	7.3	
5-FEP-2951-S-SIL	29	51/46	0.014	0.019	0.065	0.085	6.4	
5-FEP-3041-S-SIL	30	4 1/46	0.012	0.017	0.06	0.08	5.6	
SIX CONDUCTOR								
6-FEP-20105-S-SIL	20	105/40	0.039	0.054	0.176	0.206	40.2	
6-FEP-2265-S-SIL	22	65/40	0.031	0.04	0.134	0.164	25.4	
6-FEP-2441-S-SIL	24	4 1/40	0.023	0.031	0.107	0.137	17.5	
6-FEP-2666-S-SIL	26	66/44	0.019	0.024	0.086	0.11	11.6	
6-FEP-2841-S-SIL	28	4 1/44	0.015	0.02	0.074	0.098	8.6	
6-FEP-2951-S-SIL	29	51/46	0.014	0.019	0.071	0.091	7.3	
6-FEP-3041-S-SIL	30	4 1/46	0.012	0.017	0.065	0.085	6.4	
For more than 6 conductor , composite cables, Unshielded or special color code								
Email: sales@microflexwire.com								
MicroFlex Wire & Cable								
2255 S. Ritchey Street,								
Santa Ana, CA 92705								
Phone: (714) 404-1794								
Fax (714) 912-8206								