

TECHNICAL DATA SHEET

COMPOSITE PI/PTE INSULATED WIRE AS PER SAE AS 22759

AS PER SAE AS 22759/80D

Part No.	Wire Size (AWG)	Conductor			Finished Wire			
		Stranding (N x strand AWG)	Diameter (mm)		Max. Resis. at 20°C (Ω/Km)	Diameter (mm)		Max. Weight (kg/km)
			Min.	Max.		Min.	Max.	
GK759/80-26-X	26	19x38	0.445	0.518	135.46	0.762	0.864	2.161
GK759/80-24-X	24	19x36	0.572	0.620	85.94	0.864	0.965	2.980
GK759/80-22-X	22	19x34	0.724	0.798	53.14	1.016	1.092	4.396
GK759/80-20-X	20	19x32	0.927	1.001	32.41	1.219	1.295	6.631
GK759/80-18-X	18	19x30	1.156	1.255	20.43	1.422	1.524	9.909
GK759/80-16-X	16	19x29	1.308	1.407	15.78	1.600	1.702	12.442
GK759/80-14-X	14	19x27	1.638	1.763	10.04	1.930	2.032	19.072
GK759/80-12-X	12	37x28	2.121	2.271	6.63	2.438	2.540	30.247
GK759/80-10-X	10	37x26	2.692	2.845	4.13	3.023	3.124	46.786

Shall be replaced by color code designator.

As per SAE AS 22759/81D

Part No.	Wire Size (AWG)	Conductor			Finished Wire			
		Stranding (N x strand AWG)	Diameter (mm)		Max. Resis. at 20°C (Ω/Km)	Diameter (mm)		Max. Weight (kg/km)
			Min.	Max.		Min.	Max.	
GK759/81-26-X	26	19x38	0.445	0.518	184.99	0.762	0.864	2.175
GK759/81-24-X	24	19x36	0.572	0.620	93.15	0.864	0.965	2.965
GK759/81-22-X	22	19x34	0.724	0.798	57.40	1.016	1.092	4.396
GK759/81-20-X	20	19x32	0.927	1.003	35.10	1.219	1.295	6.616

Shall be replaced by color code designator.

As per SAE AS 22759/82D

Part No.	Wire Size (AWG)	Conductor			Finished Wire			
		Stranding (N x strand AWG)	Diameter (mm)		Max. Resis. at 20°C (Ω/Km)	Diameter (mm)		Max. Weight (kg/km)
			Min.	Max.		Min.	Max.	
GK759/82-26-X	26	19x38	0.445	0.518	191.55	0.762	0.864	2.161
GK759/82-24-X	24	19x36	0.572	0.645	98.73	0.864	0.965	2.980
GK759/82-22-X	22	19x34	0.724	0.798	61.01	1.016	1.092	4.396
GK759/82-20-X	20	19x32	0.927	1.026	37.39	1.219	1.295	6.631

Shall be replaced by color code designator.

As per SAE AS 22759/83E

Part No.	Wire Size (AWG)	Conductor			Finished Wire			
		Stranding (N x strand AWG)	Diameter (mm)		Max. Resis. at 20°C (Ω/Km)	Diameter (mm)		Max. Weight (kg/km)
			Min.	Max.		Min.	Max.	
GK759/83-8-X	8	133x29	4.013	4.216	2.16	4.877	5.410	94.168
GK759/83-6-X	6	133x27	5.029	5.283	1.37	5.867	6.452	144.232
GK759/83-4-X	4	133x25	6.350	6.680	0.87	7.315	7.950	226.480
GK759/83-2-X	2	665x30	8.128	8.636	0.56	9.042	9.881	354.620

We are just a call away to answer all your queries!

G.K. ENTERPRISES PRIVATE LIMITED

C-6, Sector-65, Noida | C-7, Sector-58, Noida

Email: contact@gkayindia.com | Website: www.gkayindia.com | Call: +91 9810087230, +91 9810353646

TECHNICAL DATA SHEET

GK759/83-1-X	1	817x30	9.144	9.652	0.46	10.160	10.998	426.140
GK759/83-01-X	0	1045x30	10.033	10.795	0.35	10.973	12.065	543.850
GK759/83-02-X	00	1330x30	11.176	12.065	0.28	12.370	13.462	688.380
GK759/83-03-X	000	1665x30	12.700	13.716	0.22	13.767	14.859	847.810
GK759/83-04-X	0000	2109x30	14.351	15.367	0.18	15.291	16.637	1037.040

Shall be replaced by color code designator.

As per SAE AS 22759/84E

Part No.	Wire Size (AWG)	Conductor			Finished Wire			
		Stranding (N x strand AWG)	Diameter (mm)		Max. Resis. at 20°C (Ω/Km)	Diameter (mm)		Max. Weight (kg/km)
			Min.	Max.		Min.	Max.	
GK759/84-8-X	8	133x29	4.013	4.29	2.28	4.88	5.410	95.062
GK759/84-6-X	6	133x27	5.029	5.38	1.43	5.87	6.452	142.891
GK759/84-4-X	4	133x25	6.350	6.81	0.90	7.32	7.950	230.950
GK759/84-2-X	2	665x30	8.128	8.64	0.47	9.04	10.998	354.620
GK759/84-1-X	1	817x30	9.144	9.65	0.58	10.160	12.065	430.610
GK759/84-01-X	0	1045x30	10.033	10.795	0.37	10.973	13.462	548.320
GK759/84-02-X	00	1330x30	11.176	12.065	0.29	12.370	14.859	688.380
GK759/84-03-X	000	1665x30	12.700	13.716	0.23	13.767	14.834	855.260
GK759/84-04-X	0000	2109x30	14.351	15.367	0.18	15.291	16.637	1084.720

Shall be replaced by color code designator.

As per SAE AS 22759/85E

Part No.	Wire Size (AWG)	Conductor			Finished Wire			
		Stranding (N x strand AWG)	Diameter (mm)		Max. Resis. at 20°C (Ω/Km)	Diameter (mm)		Max. Weight (kg/km)
			Min.	Max.		Min.	Max.	
GK759/85-8-X	8	133x29	4.013	4.293	2.30	4.88	5.410	94.168
GK759/85-6-X	6	133x27	5.029	5.385	1.46	5.87	6.452	144.232
GK759/85-4-X	4	133x25	6.350	6.807	0.92	7.32	7.950	226.480
GK759/85-2-X	2	665x30	8.128	8.636	0.60	9.042	9.8806	354.620
GK759/85-1-X	1	817x30	9.144	9.652	0.49	10.16	10.998	426.140
GK759/85-01-X	0	1045x30	10.033	10.795	0.38	10.973	12.065	543.850
GK759/85-02-X	00	1330x30	11.176	12.065	0.30	12.370	13.462	688.380
GK759/85-03-X	000	1665x30	12.700	13.716	0.23	13.767	14.859	847.810
GK759/85-04-X	0000	2109x30	14.351	15.367	0.18	15.291	16.637	1037.040

Shall be replaced by color code designator.

As per SAE AS 22759/86E

Part No.	Wire Size (AWG)	Conductor			Finished Wire			
		Stranding (N x strand AWG)	Diameter (mm)		Max. Resis. at 20°C (Ω/Km)	Diameter (mm)		Max. Weight (kg/km)
			Min.	Max.		Min.	Max.	
GK759/86-26-X	26	19x38	0.445	0.493	125.95	0.838	0.940	2.310
GK759/86-24-X	24	19x36	0.572	0.620	79.70	0.965	1.067	3.278
GK759/86-22-X	22	19x34	0.724	0.772	49.53	1.092	1.194	4.619
GK759/86-20-X	20	19x32	0.927	0.975	30.14	1.295	1.397	7.003
GK759/86-18-X	18	19x30	1.156	1.229	18.99	1.549	1.651	10.281
GK759/86-16-X	16	19x29	1.308	1.382	14.83	1.727	1.854	13.112
GK759/86-14-X	14	19x27	1.638	1.737	9.45	2.057	2.184	19.966
GK759/86-12-X	12	37x28	2.121	2.220	6.23	2.540	2.667	30.396
GK759/86-10-X	10	37x26	2.692	2.794	3.90	3.099	3.226	47.084
GK759/86-8-X	8	133x29	4.013	4.216	2.16	4.572	4.775	88.953

We are just a call away to answer all your queries!

G.K. ENTERPRISES PRIVATE LIMITED

G-8, Sector-25, Noida-201305, G-8, Sector-25, Noida

TECHNICAL DATA SHEET

GK759/86-6-X	6	133x27	5.029	5.283	1.37	5.563	5.817	136.931
GK759/86-4-X	4	133x25	6.350	6.680	0.87	7.010	7.315	222.010
GK759/86-2-X	2	665x30	8.128	8.636	0.56	8.738	9.246	347.170
GK759/86-1-X	1	817x30	9.144	9.652	0.46	9.855	10.363	421.670
GK759/86-01-X	0	1045x30	10.033	10.795	0.35	10.668	11.430	540.870
GK759/86-02-X	00	1330x30	11.176	12.065	0.28	12.065	12.827	680.930
GK759/86-03-X	000	1665x30	12.700	13.716	0.22	13.462	14.224	846.320
GK759/86-04-X	0000	2109x30	14.351	15.367	0.18	14.986	16.002	1072.800

Shall be replaced by color code designator.

As per SAE AS 22759/87E

Part No.	Wire Size (AWG)	Conductor			Finished Wire			
		Stranding (N x strand AWG)	Diameter (mm)		Max. Resis. at 20°C (Ω/Km)	Diameter (mm)		Max. Weight (kg/km)
			Min.	Max.		Min.	Max.	
GK759/87-26-X	26	19x38	0.445	0.518	138.42	0.838	0.940	2.310
GK759/87-24-X	24	19x36	0.572	0.620	84.95	0.965	1.067	3.278
GK759/87-22-X	22	19x34	0.724	0.798	52.48	1.092	1.194	4.619
GK759/87-20-X	20	19x32	0.927	1.001	32.05	1.295	1.397	6.929
GK759/87-18-X	18	19x30	1.156	1.255	20.01	1.549	1.651	10.207
GK759/87-16-X	16	19x29	1.308	1.407	15.61	1.727	1.854	12.963
GK759/87-14-X	14	19x27	1.638	1.763	9.84	2.057	2.184	19.817
GK759/87-12-X	12	37x28	2.121	2.271	6.49	2.540	2.667	30.098
GK759/87-10-X	10	37x26	2.692	2.845	4.07	3.099	3.226	47.084
GK759/87-8-X	8	133x29	4.013	4.293	2.28	4.572	4.775	88.953
GK759/87-6-X	6	133x27	5.029	5.385	1.43	5.563	5.817	136.931
GK759/87-4-X	4	133x25	6.350	6.807	0.90	7.010	7.315	222.010
GK759/87-2-X	2	665x30	8.128	8.636	0.58	8.738	9.246	347.170
GK759/87-1-X	1	817x30	9.144	9.652	0.47	9.855	10.363	421.670
GK759/87-01-X	0	1045x30	10.033	10.795	0.37	10.668	11.430	540.870
GK759/87-02-X	00	1330x30	11.176	12.065	0.29	12.065	12.827	680.930
GK759/87-03-X	000	1665x30	12.700	13.716	0.23	13.462	14.224	846.320
GK759/87-04-X	0000	2109x30	14.351	15.367	0.18	14.986	16.002	1072.800

Shall be replaced by color code designator.

As per SAE AS 22759/88E

Part No.	Wire Size (AWG)	Conductor			Finished Wire			
		Stranding (N x strand AWG)	Diameter (mm)		Max. Resis. at 20°C (Ω/Km)	Diameter (mm)		Max. Weight (kg/km)
			Min.	Max.		Min.	Max.	
GK759/88-26-X	26	19x38	0.445	0.518	135.46	0.838	0.940	2.310
GK759/88-24-X	24	19x36	0.572	0.620	85.94	0.965	1.067	3.278
GK759/88-22-X	22	19x34	0.724	0.798	53.14	1.092	1.194	4.619
GK759/88-20-X	20	19x32	0.927	1.001	32.41	1.295	1.397	6.929
GK759/88-18-X	18	19x30	1.156	1.255	20.43	1.549	1.651	10.207
GK759/88-16-X	16	19x29	1.308	1.407	15.78	1.727	1.854	12.963
GK759/88-14-X	14	19x27	1.638	1.763	10.04	2.057	2.184	19.817
GK759/88-12-X	12	37x28	2.121	2.271	6.63	2.540	2.667	30.098
GK759/88-10-X	10	37x26	2.692	2.845	4.13	3.099	3.226	47.978
GK759/88-8-X	8	133x29	4.013	4.293	2.30	4.572	4.775	88.953
GK759/88-6-X	6	133x27	5.029	5.385	1.46	5.563	5.817	136.931
GK759/88-4-X	4	133x25	6.350	6.807	0.92	7.010	7.315	222.010
GK759/88-2-X	2	665x30	8.128	8.636	0.60	8.738	9.246	347.170
GK759/88-1-X	1	817x30	9.144	9.652	0.49	9.855	10.363	421.670
GK759/88-01-X	0	1045x30	10.033	10.795	0.38	10.668	11.430	540.870
GK759/88-02-X	00	1330x30	11.176	12.065	0.30	12.065	12.827	680.930
GK759/88-03-X	000	1665x30	12.700	13.716	0.23	13.462	14.224	846.320

We are just a call away to answer all your queries!



TECHNICAL DATA SHEET

GK759/88-04-X	0000	2109x30	14.351	15.367	0.18	14.986	16.002	1072.800
---------------	------	---------	--------	--------	------	--------	--------	----------

Shall be replaced by color code designator.

As per SAE AS 22759/89E

Part No.	Wire Size (AWG)	Conductor			Finished Wire			
		Stranding (N x strand AWG)	Diameter (mm)		Max. Resis. at 20°C (Ω/Km)	Diameter (mm)		Max. Weight (kg/km)
			Min.	Max.		Min.	Max.	
GK759/89-26-X	26	19x38	0.445	0.518	184.99	0.838	0.940	2.384
GK759/89-24-X	24	19x36	0.572	0.620	93.15	0.965	1.067	3.278
GK759/89-22-X	22	19x34	0.724	0.798	57.40	1.092	1.194	4.619
GK759/89-20-X	20	19x32	0.927	1.003	35.10	1.295	1.397	7.003

Shall be replaced by color code designator.

As per SAE AS 22759/90D

Part No.	Wire Size (AWG)	Conductor			Finished Wire			
		Stranding (N x strand AWG)	Diameter (mm)		Max. Resis. at 20°C (Ω/Km)	Diameter (mm)		Max. Weight (kg/km)
			Min.	Max.		Min.	Max.	
GK759/90-26-X	26	19x38	0.445	0.518	191.55	0.838	0.940	2.384
GK759/90-24-X	24	19x36	0.572	0.645	98.73	0.965	1.067	3.278
GK759/90-22-X	22	19x34	0.724	0.798	61.01	1.092	1.194	4.619
GK759/90-20-X	20	19x32	0.927	1.026	37.39	1.295	1.397	6.929

Shall be replaced by color code designator.

As per SAE AS 22759/91D

Part No.	Wire Size (AWG)	Conductor			Finished Wire			
		Stranding (N x strand AWG)	Diameter (mm)		Max. Resis. at 20°C (Ω/Km)	Diameter (mm)		Max. Weight (kg/km)
			Min.	Max.		Min.	Max.	
GK759/91-26-X	26	19x38	0.445	0.493	125.95	0.762	0.864	2.161
GK759/91-24-X	24	19x36	0.572	0.620	79.70	0.864	0.965	2.980
GK759/91-22-X	22	19x34	0.724	0.772	49.53	1.016	1.092	4.410
GK759/91-20-X	20	19x32	0.927	0.975	30.14	1.219	1.295	6.705
GK759/91-18-X	18	19x30	1.156	1.229	18.99	1.422	1.524	9.983
GK759/91-16-X	16	19x29	1.308	1.382	14.83	1.600	1.702	12.516
GK759/91-14-X	14	19x27	1.638	1.737	9.45	1.930	2.032	19.221
GK759/91-12-X	12	37x28	2.121	2.220	6.23	2.438	2.540	29.651
GK759/91-10-X	10	37x26	2.692	2.794	3.90	3.023	3.124	45.892

Shall be replaced by color code designator.

As per SAE AS 22759/92D

Part No.	Wire Size (AWG)	Conductor			Finished Wire			
		Stranding (N x strand AWG)	Diameter (mm)		Max. Resis. at 20°C (Ω/Km)	Diameter (mm)		Max. Weight (kg/km)
			Min.	Max.		Min.	Max.	
GK759/92-26-X	26	19x38	0.445	0.518	138.42	0.762	0.864	2.161
GK759/92-24-X	24	19x36	0.572	0.620	84.95	0.864	0.965	2.980
GK759/92-22-X	22	19x34	0.724	0.798	52.48	1.016	1.092	4.396
GK759/92-20-X	20	19x32	0.927	1.001	32.05	1.219	1.295	6.631
GK759/92-18-X	18	19x30	1.156	1.255	20.01	1.422	1.524	9.909
GK759/92-16-X	16	19x29	1.308	1.407	15.61	1.600	1.702	12.442



TECHNICAL DATA SHEET

GK759/92-14-X	14	19x27	1.638	1.763	9.84	1.930	2.032	X19.072
GK759/92-12-X	12	37x28	2.121	2.271	6.49	2.438	2.540	29.353
GK759/92-10-X	10	37x26	2.692	2.845	4.07	3.023	3.124	45.892

Shall be replaced by color code designator.