

## EFGLAS Equipment Wire & Cable

Nominal Conductor OD				Overall Diameter (mm)									
AWG	mm	mm <sup>2</sup>	Conductor (stranding)	EFGLAS Unshielded		EFGLASMET Shielded		EFGLASMETSHEATH Shielded and Jacketed		DUFGLASMETSHEATH Shielded and Jacketed		TRIGLASMETSHEATH Shielded and Jacketed	
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
<b>BS G 222:1976 • Nickel Plated Conductors • 600V</b>													
22	0.70 – 0.80	0.336	19/0.150	1.65	2.05	2.15	2.55	2.60	3.30	4.50	5.90	4.90	6.25
20	0.95 – 1.05	0.597	19/0.200	1.90	2.30	2.40	2.80	2.85	3.55	5.00	6.20	5.45	6.80
18	1.20 – 1.30	0.933	19/0.250	2.15	2.55	2.65	3.05	3.10	3.80	5.50	6.70	*	*
16	1.45 – 1.55	1.340	19/0.300	2.40	2.80	2.90	3.30	3.35	4.05	6.00	7.20	*	*
14	1.68 – 1.82	1.820	37/0.250	2.65	3.10	3.15	3.60	3.60	4.35	*	*	*	*
12	2.12 – 2.28	2.890	37/0.320	3.25	3.75	3.75	4.25	4.20	5.00	*	*	*	*
10	2.70 – 2.90	4.650	37/0.400	4.25	4.75	4.75	5.25	*	*	*	*	*	*
8	4.05 – 4.40	8.410	17/7/0.300	5.75	6.25	*	*	*	*	*	*	*	*
6	5.10 – 5.45	12.850	26/7/0.300	6.30	7.30	*	*	*	*	*	*	*	*
4	6.45 – 6.94	21.780	42/7/0.300	8.45	9.15	*	*	*	*	*	*	*	*
2	8.00 – 8.54	34.490	703/0.250	10.15	10.85	*	*	*	*	*	*	*	*
1	9.00 – 9.39	41.750	851/0.250	11.20	11.90	*	*	*	*	*	*	*	*
0	10.20-10.78	52.640	1073/0.250	12.40	13.15	*	*	*	*	*	*	*	*
00	11.40-12.32	67.160	1369/0.250	13.70	14.45	*	*	*	*	*	*	*	*
000	12.90-13.68	84.780	1728/0.250	15.30	16.05	*	*	*	*	*	*	*	*
0000	14.20-15.66	107.74	2196/0.250	16.800	17.550	*	*	*	*	*	*	*	*

\* Cable design not referenced by BS G 222 but available on request where compliance is not a requirement.

The range also includes flexible UNIFLEXGLAS AWG 16 & 20 versions to Defence Standard 61-12 Part 30 Issue 1, with a grey taped PTFE jacket.

Nominal Conductor OD				Overall Diameter (mm)			
AWG	mm	mm <sup>2</sup>	Conductor (Rope Strand)	UNIFLEXGLAS Unshielded		UNIFLEXEGLASMET Shielded	
				Min	Max	Min	Max
<b>DEF STAN 61-12 PT 30/1 • Silver Plated Conductors • 400V &amp; 150°C Rated</b>							
20	1.080	0.555	49/0.120	1.79	2.04	2.20	2.51
16	1.650	1.270	112/0.120	2.33	2.63	2.73	3.13

EGLAS wires are comparable to MIL-W-22759/3 and can also be supplied to PAN6413 on request.