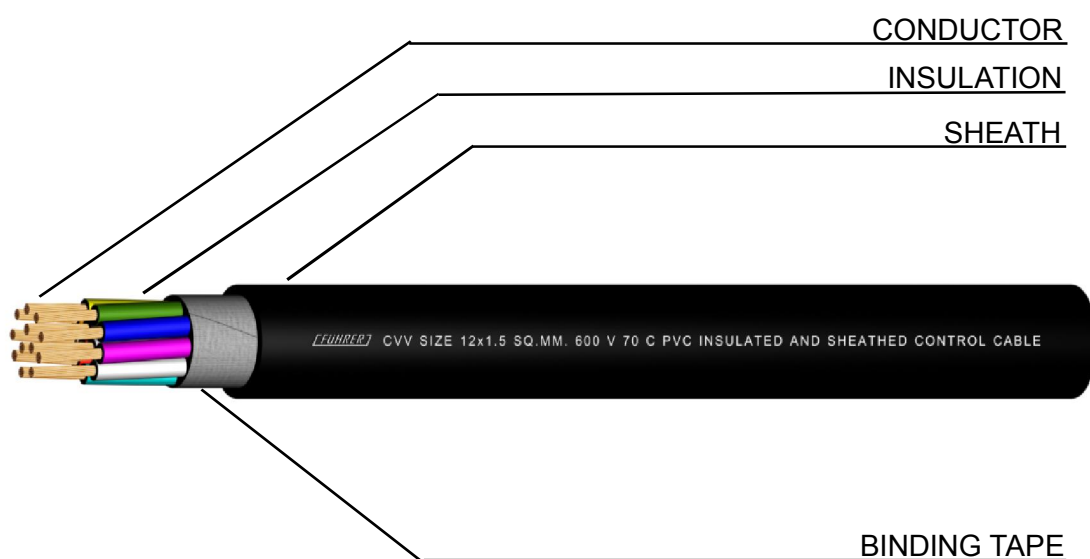
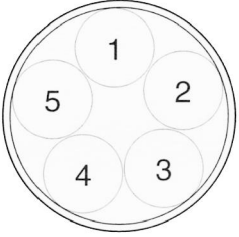
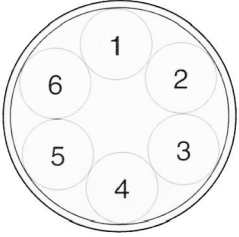
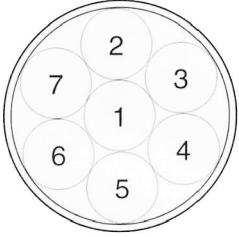
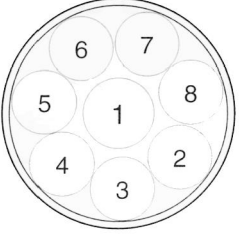
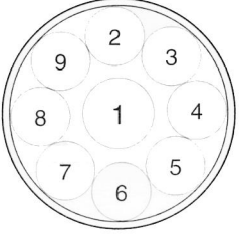
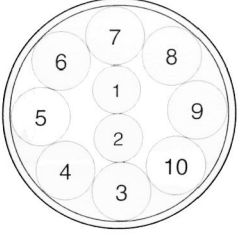
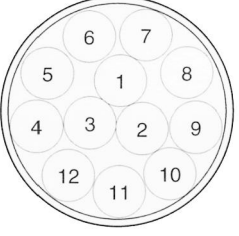
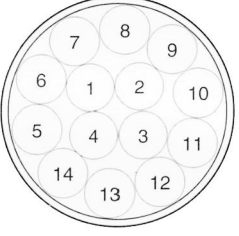
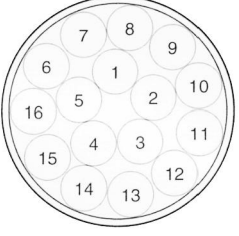
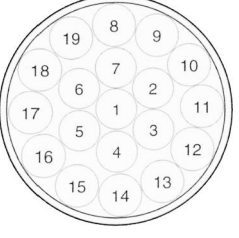
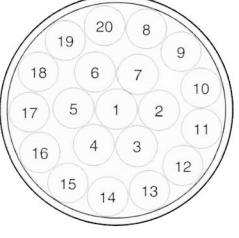
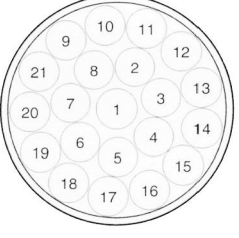
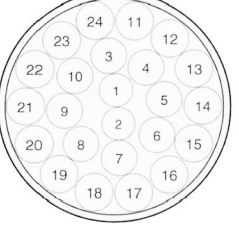
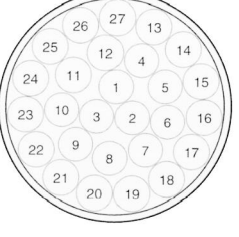
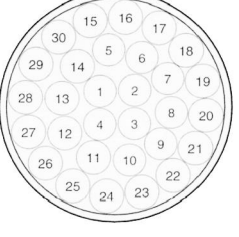


600 V 70°C PVC INSULATED AND SHEATHED CONTROL CABLE

CABLE STRUCTURE

NUMBER OF CORE	: 2 up to 30 core
CONDUCTOR	stranded annealed copper wires. Size. 0.75 mm ² up to 10 mm ²
INSULATION	:PVC Colour : 2-4 core : Black,White,Red and Green More than 4 cores : Any colour
SHEATH	: PVC Colour: Black
CLASSIFICATION	Maximum conductor temperature 70°C Circuit voltage not exceeding 600 volts.
TESTING VOLTAGE	: 2500 Volts.
REFERENCE	:TIS. 838-2531 TABLE 10 (TYPE B)

 5 CORES	 6 CORES	 7 CORES
 8 CORES	 9 CORES	 10 CORES
 12 CORES	 14 CORES	 16 CORES
 19 CORES	 20 CORES	 21 CORES
 24 CORES	 27 CORES	 30 CORES

Number of Core	Nominal cross sectional area (mm ²)	Number and diameter of wire (No./mm)	Diameter of Conductor (approx)	Insulation thickness (mm)	Outer Sheath thickness (mm)	Approx. Overall diameter (mm)	Maximum conductor resistance at 20° C (Ω/Km)	Minimum insulation resistance at 15, 6° C (MΩ/Km)	Cable weight (approx.) (Kg/Km)	Standard Length (m)
2	0.75	7/0.33	0.99	0.76	1.14	8.5	24.5	257	90	500/D
	1.00	7/0.40	1.20	0.76	1.14	9.0	18.1	228	100	500/D
	1.50	7/0.50	1.50	0.76	1.14	11.5	12.1	252	150	500/D
	2.50	7/0.67	2.01	1.14	1.14	12.5	7.41	209	190	500/D
	4.00	7/0.85	2.55	1.14	1.14	14.0	4.61	177	240	500/D
	6.00	7/1.04	3.12	1.14	1.52	16.0	3.08	153	330	500/D
	10.00	7/1.35	4.05	1.52	1.52	19.5	1.83	154	520	500/D
3	0.75	7/0.33	0.99	0.76	1.14	9.0	24.5	257	100	500/D
	1.00	7/0.40	1.20	0.76	1.14	9.5	18.1	228	110	500/D
	1.50	7/0.50	1.50	0.76	1.14	12.0	12.1	252	180	500/D
	2.50	7/0.67	2.01	1.14	1.14	13.5	7.41	209	230	500/D
	4.00	7/0.85	2.55	1.14	1.52	15.5	4.61	177	320	500/D
	6.00	7/1.04	3.12	1.14	1.52	17.0	3.08	153	410	500/D
	10.00	7/1.35	4.05	1.52	1.52	21.0	1.83	154	650	500/D
4	0.75	7/0.33	0.99	0.76	1.14	10.0	24.5	257	120	500/D
	1.00	7/0.40	1.20	0.76	1.14	10.5	18.1	228	130	500/D
	1.50	7/0.50	1.50	0.76	1.14	13.5	12.1	252	210	500/D
	2.50	7/0.67	2.01	1.14	1.52	15.5	7.41	209	310	500/D
	4.00	7/0.85	2.55	1.14	1.52	17.0	4.61	177	400	500/D
	6.00	7/1.04	3.12	1.14	1.52	18.5	3.08	153	510	500/D
	10.00	7/1.35	4.05	1.52	2.03	24.0	1.83	154	860	500/D
5	0.75	7/0.33	0.99	0.76	1.14	11.0	24.5	257	130	500/D
	1.00	7/0.40	1.20	0.76	1.14	11.5	18.1	228	160	500/D
	1.50	7/0.50	1.50	0.76	1.52	15.5	12.1	252	270	500/D
	2.50	7/0.67	2.01	1.14	1.52	17.0	7.41	209	360	500/D
	4.00	7/0.85	2.55	1.14	1.52	18.7	4.61	177	470	500/D
	6.00	7/1.04	3.12	1.14	1.52	20.5	3.08	153	600	500/D
	10.00	7/1.35	4.05	1.52	2.03	26.5	1.83	154	1020	500/D
6	0.75	7/0.33	0.99	0.76	1.14	12.0	24.5	257	160	500/D
	1.00	7/0.40	1.20	0.76	1.14	12.5	18.1	228	190	500/D
	1.50	7/0.50	1.50	0.76	1.52	17.0	12.1	252	330	500/D
	2.50	7/0.67	2.01	1.14	1.52	18.5	7.41	209	430	500/D
	4.00	7/0.85	2.55	1.14	1.52	20.5	4.61	177	560	500/D
	6.00	7/1.04	3.12	1.14	1.52	22.0	3.08	153	720	500/D
	10.00	7/1.35	4.05	1.52	2.03	29.0	1.83	154	1220	500/D
7	0.75	7/0.33	0.99	0.76	1.14	12.0	24.5	257	160	500/D
	1.00	7/0.40	1.20	0.76	1.14	12.5	18.1	228	200	500/D
	1.50	7/0.50	1.50	0.76	1.52	17.0	12.1	252	340	500/D
	2.50	7/0.67	2.01	1.14	1.52	18.5	7.41	209	450	500/D
	4.00	7/0.85	2.55	1.14	1.52	20.5	4.61	177	600	500/D
	6.00	7/1.04	3.12	1.14	1.52	22.0	3.08	153	770	500/D
	10.00	7/1.35	4.05	1.52	2.03	29.0	1.83	154	1300	500/D
8	0.75	7/0.33	0.99	0.76	1.14	13.0	24.5	257	190	500/D
	1.00	7/0.40	1.20	0.76	1.14	13.5	18.1	228	220	500/D
	1.50	7/0.50	1.50	0.76	1.52	18.0	12.1	252	390	500/D
	2.50	7/0.67	2.01	1.14	1.52	20.0	7.41	209	520	500/D
	4.00	7/0.85	2.55	1.14	1.52	22.0	4.61	177	690	500/D
	6.00	7/1.04	3.12	1.14	2.03	25.0	3.08	153	950	500/D
	10.00	7/1.35	4.05	1.52	2.03	31.5	1.83	154	1500	500/D
9	0.75	7/0.33	0.99	0.76	1.14	13.5	24.5	257	210	500/D
	1.00	7/0.40	1.20	0.76	1.52	15.5	18.1	228	280	500/D
	1.50	7/0.50	1.50	0.76	1.52	19.5	12.1	252	440	500/D
	2.50	7/0.67	2.01	1.14	1.52	21.5	7.41	209	590	500/D
	4.00	7/0.85	2.55	1.14	2.03	25.0	4.61	177	830	500/D
	6.00	7/1.04	3.12	1.14	2.03	27.0	3.08	153	1070	500/D
	10.00	7/1.35	4.05	1.52	2.03	34.0	1.83	154	1700	500/D



Number of Core	Nominal cross sectional area (mm ²)	Number and diameter of wire (No/mm)	Diameter of Conductor (approx)	Insulation thickness (mm)	Outer Sheath thickness (mm)	Approx. Overall diameter (mm)	Maximum conductor resistance at 20° C (Ω/Km)	Minimum insulation resistance at 15.6° C (MΩ/Km)	Cable weight (approx.) (Kg/Km)	Standard Length (m)
10	0.75	7/0.33	0.99	0.76	1.52	15.5	24.5	257	270	500/D
	1.00	7/0.40	1.20	0.76	1.52	16.5	18.1	228	310	500/D
	1.50	7/0.50	1.50	0.76	1.52	21.5	12.1	252	500	500/D
	2.50	7/0.67	2.01	1.14	2.03	24.5	7.41	209	720	500/D
	4.00	7/0.85	2.55	1.14	2.03	27.0	4.61	177	940	500/D
	6.00	7/1.04	3.12	1.14	2.03	29.5	3.08	153	1210	500/D
	10.00	7/1.35	4.05	1.52	2.03	37.0	1.83	154	1930	500/D
11	0.75	7/0.33	0.99	0.76	1.52	15.5	24.5	257	280	500/D
	1.00	7/0.40	1.20	0.76	1.52	16.5	18.1	228	330	500/D
	1.50	7/0.50	1.50	0.76	1.52	21.5	12.1	252	520	500/D
	2.50	7/0.67	2.01	1.14	2.03	27.0	7.41	209	760	500/D
	4.00	7/0.85	2.55	1.14	2.03	29.5	4.61	177	990	500/D
	6.00	7/1.04	3.12	1.14	2.03	37.0	3.08	153	1290	500/D
	10.00	7/1.35	4.05	1.52	2.03	39.5	1.83	154	2060	500/D
12	0.75	7/0.33	0.99	0.76	1.52	16.0	24.5	257	300	500/D
	1.00	7/0.40	1.20	0.76	1.52	17.0	18.1	228	350	500/D
	1.50	7/0.50	1.50	0.76	1.52	22.0	12.1	252	560	500/D
	2.50	7/0.67	2.01	1.14	2.03	25.5	7.41	209	810	500/D
	4.00	7/0.85	2.55	1.14	2.03	28.0	4.61	177	1060	500/D
	6.00	7/1.04	3.12	1.14	2.03	30.5	3.08	153	1380	500/D
	10.00	7/1.35	4.05	1.52	2.03	28.0	1.83	154	2210	500/D
13	0.75	7/0.33	0.99	0.76	1.52	16.5	24.5	257	310	500/D
	1.00	7/0.40	1.20	0.76	1.52	17.5	18.1	228	370	500/D
	1.50	7/0.50	1.50	0.76	1.52	22.5	12.1	252	590	500/D
	2.50	7/0.67	2.01	1.14	2.03	26.0	7.41	209	860	500/D
	4.00	7/0.85	2.55	1.14	2.03	28.5	4.61	177	1130	500/D
	6.00	7/1.04	3.12	1.14	2.03	31.0	3.08	153	1470	500/D
	10.00	7/1.35	4.05	1.52	2.03	39.0	1.83	154	2360	500/D
14	0.75	7/0.33	0.99	0.76	1.52	17.0	24.5	257	330	500/D
	1.00	7/0.40	1.20	0.76	1.52	18.0	18.1	228	390	500/D
	1.50	7/0.50	1.50	0.76	2.03	24.0	12.1	252	690	500/D
	2.50	7/0.67	2.01	1.14	2.03	26.5	7.41	209	920	500/D
	4.00	7/0.85	2.55	1.14	2.03	29.5	4.61	177	1210	500/D
	6.00	7/1.04	3.12	1.14	2.03	32.0	3.08	153	1570	500/D
	10.00	7/1.35	4.05	1.52	2.03	40.0	1.83	154	2530	500/D
15	0.75	7/0.33	0.99	0.76	1.52	17.5	24.5	257	350	500/D
	1.00	7/0.40	1.20	0.76	1.52	18.5	18.1	228	420	500/D
	1.50	7/0.50	1.50	0.76	2.03	25.0	12.1	252	720	500/D
	2.50	7/0.67	2.01	1.14	2.03	27.5	7.41	209	970	500/D
	4.00	7/0.85	2.55	1.14	2.03	30.0	4.61	177	1280	500/D
	6.00	7/1.04	3.12	1.14	2.03	33.0	3.08	153	1670	500/D
	10.00	7/1.35	4.05	1.52	2.03	41.5	1.83	154	2690	500/D
16	0.75	7/0.33	0.99	0.76	1.52	18.0	24.5	257	370	500/D
	1.00	7/0.40	1.20	0.76	1.52	19.0	18.1	228	440	500/D
	1.50	7/0.50	1.50	0.76	2.03	25.5	12.1	252	760	500/D
	2.50	7/0.67	2.01	1.14	2.03	28.0	7.41	209	1020	500/D
	4.00	7/0.85	2.55	1.14	2.03	31.0	4.61	177	1350	500/D
	6.00	7/1.04	3.12	1.14	2.03	34.0	3.08	153	1760	500/D
	10.00	7/1.35	4.05	1.52	2.03	42.5	1.83	154	2840	500/D
17	0.75	7/0.33	0.99	0.76	1.52	18.5	24.5	257	390	500/D
	1.00	7/0.40	1.20	0.76	1.52	19.5	18.1	228	460	500/D
	1.50	7/0.50	1.50	0.76	2.03	26.5	12.1	252	850	500/D
	2.50	7/0.67	2.01	1.14	2.03	29.0	7.41	209	1080	500/D
	4.00	7/0.85	2.55	1.14	2.03	32.0	4.61	177	1430	500/D
	6.00	7/1.04	3.12	1.14	2.03	35.0	3.08	153	1860	500/D
	10.00	7/1.35	4.05	1.52	2.03	44.0	1.83	154	3010	500/D
18	0.75	7/0.33	0.99	0.76	1.52	19.0	24.5	257	410	500/D
	1.00	7/0.40	1.20	0.76	1.52	20.0	18.1	228	490	500/D
	1.50	7/0.50	1.50	0.76	2.03	27.0	12.1	252	850	500/D
	2.50	7/0.67	2.01	1.14	2.03	29.5	7.41	209	1140	500/D
	4.00	7/0.85	2.55	1.14	2.03	32.5	4.61	177	1510	500/D
	6.00	7/1.04	3.12	1.14	2.03	35.5	3.08	153	1970	500/D
	10.00	7/1.35	4.05	1.52	2.03	45.0	1.83	154	3190	500/D



Number of Core	Nominal cross sectional area (mm ²)	Number and diameter of wire (No./mm)	Diameter of Conductor (approx)	Insulation thickness (mm)	Outer Sheath thickness (mm)	Approx. Overall diameter (mm)	Maximum conductor resistance at 20° C (Ω/Km)	Minimum insulation resistance at 15.6° C (MΩ/Km)	Cable weight (Approx.) (Kg/Km)	Standard Length (m)
19	0.75	7/0.33	0.99	0.76	1.52	19.0	24.5	257	410	500/D
	1.00	7/0.40	1.20	0.76	1.52	20.0	18.1	228	490	500/D
	1.50	7/0.50	1.50	0.76	2.03	27.0	12.1	252	860	500/D
	2.50	7/0.67	2.01	1.14	2.03	29.5	7.41	209	1160	500/D
	4.00	7/0.85	2.55	1.14	2.03	32.5	4.61	177	1540	500/D
	6.00	7/1.04	3.12	1.14	2.03	35.5	3.08	153	2020	500/D
20	10.00	7/1.35	4.05	1.52	2.03	45.0	1.83	154	3270	500/D
	0.75	7/0.33	0.99	0.76	1.52	19.0	24.5	257	430	500/D
	1.00	7/0.40	1.20	0.76	1.52	20.5	18.1	228	520	500/D
	1.50	7/0.50	1.50	0.76	2.03	27.5	12.1	252	900	500/D
	2.50	7/0.67	2.01	1.14	2.03	30.5	7.41	209	1220	500/D
	4.00	7/0.85	2.55	1.14	2.03	33.5	4.61	177	1630	500/D
21	6.00	7/1.04	3.12	1.14	2.03	37.0	3.08	153	2130	500/D
	10.00	7/1.35	4.05	1.52	2.79	48.3	1.83	154	3600	500/D
	0.75	7/0.33	0.99	0.76	1.52	19.5	24.5	257	450	500/D
	1.00	7/0.40	1.20	0.76	1.52	21.0	18.1	228	540	500/D
	1.50	7/0.50	1.50	0.76	2.03	28.0	12.1	252	940	500/D
	2.50	7/0.67	2.01	1.14	2.03	31.0	7.41	209	1270	500/D
22	4.00	7/0.85	2.55	1.14	2.03	34.5	4.61	177	1700	500/D
	6.00	7/1.04	3.12	1.14	2.03	37.5	3.08	153	2230	500/D
	10.00	7/1.35	4.05	1.52	2.79	49.0	1.83	154	3760	500/D
	0.75	7/0.33	0.99	0.76	1.52	20.0	24.5	257	470	500/D
	1.00	7/0.40	1.20	0.76	1.52	21.5	18.1	228	570	500/D
	1.50	7/0.50	1.50	0.76	2.03	29.0	12.1	252	990	500/D
23	2.50	7/0.67	2.01	1.14	2.03	32.0	7.41	209	1330	500/D
	4.00	7/0.85	2.55	1.14	2.03	35.5	4.61	177	1780	500/D
	6.00	7/1.04	3.12	1.14	2.03	39.0	3.08	153	2330	500/D
	10.00	7/1.35	4.05	1.52	2.79	50.5	1.83	154	3950	500/D
	0.75	7/0.33	0.99	0.76	1.52	20.5	24.5	257	490	500/D
	1.00	7/0.40	1.20	0.76	1.52	22.0	18.1	228	590	500/D
24	1.50	7/0.50	1.50	0.76	2.03	29.8	12.1	252	1020	500/D
	2.50	7/0.67	2.01	1.14	2.03	32.5	7.41	209	1390	500/D
	4.00	7/0.85	2.55	1.14	2.03	36.0	4.61	177	1860	500/D
	6.00	7/1.04	3.12	1.14	2.03	39.5	3.08	153	2430	500/D
	10.00	7/1.35	4.05	1.52	2.79	51.5	1.83	154	4110	500/D
	0.75	7/0.33	0.99	0.76	1.52	21.5	24.5	257	530	500/D
25	1.00	7/0.40	1.20	0.76	1.52	24.5	18.1	228	690	500/D
	1.50	7/0.50	1.50	0.76	2.03	31.0	12.1	252	1100	500/D
	2.50	7/0.67	2.01	1.14	2.03	34.5	7.41	209	1490	500/D
	4.00	7/0.85	2.55	1.14	2.03	38.0	4.61	177	2000	500/D
	6.00	7/1.04	3.12	1.14	2.03	42.0	3.08	153	2610	500/D
	10.00	7/1.35	4.05	1.52	2.79	55.0	1.83	154	4400	500/D
26	0.75	7/0.33	0.99	0.76	1.52	21.5	24.5	257	540	500/D
	1.00	7/0.40	1.20	0.76	1.52	24.5	18.1	228	700	500/D
	1.50	7/0.50	1.50	0.76	2.03	31.0	12.1	252	1130	500/D
	2.50	7/0.67	2.01	1.14	2.03	34.5	7.41	209	1530	500/D
	4.00	7/0.85	2.55	1.14	2.03	38.0	4.61	177	2050	500/D
	6.00	7/1.04	3.12	1.14	2.03	42.0	3.08	153	2680	500/D
27	10.00	7/1.35	4.05	1.52	2.79	55.0	1.83	154	4530	500/D
	0.75	7/0.33	0.99	0.76	1.52	21.5	24.5	257	550	500/D
	1.00	7/0.40	1.20	0.76	1.52	24.5	18.1	228	720	500/D
	1.50	7/0.50	1.50	0.76	2.03	31.0	12.1	252	1160	500/D
	2.50	7/0.67	2.01	1.14	2.03	34.5	7.41	209	1570	500/D
	4.00	7/0.85	2.55	1.14	2.03	38.0	4.61	177	2100	500/D
28	6.00	7/1.04	3.12	1.14	2.03	42.0	3.08	153	2760	500/D
	10.00	7/1.35	4.05	1.52	2.79	55.0	1.83	154	4660	500/D
	0.75	7/0.33	0.99	0.76	1.52	22.0	24.5	257	570	500/D
	1.00	7/0.40	1.20	0.76	1.52	24.5	18.1	228	740	500/D
	1.50	7/0.50	1.50	0.76	2.03	32.0	12.1	252	1200	500/D
	2.50	7/0.67	2.01	1.14	2.03	35.5	7.41	209	1620	500/D
29	4.00	7/0.85	2.55	1.14	2.03	39.0	4.61	177	2170	500/D
	6.00	7/1.04	3.12	1.14	2.03	43.0	3.08	153	2850	500/D
	10.00	7/1.35	4.05	1.52	2.79	56.0	1.83	154	4820	500/D
	0.75	7/0.33	0.99	0.76	1.52	22.0	24.5	257	580	500/D
	1.00	7/0.40	1.20	0.76	1.52	24.5	18.1	228	760	500/D
	1.50	7/0.50	1.50	0.76	2.03	32.0	12.1	252	1220	500/D
30	2.50	7/0.67	2.01	1.14	2.03	35.5	7.41	209	1670	500/D
	4.00	7/0.85	2.55	1.14	2.03	39.0	4.61	177	2230	500/D
	6.00	7/1.04	3.12	1.14	2.03	43.0	3.08	153	2930	500/D
	10.00	7/1.35	4.05	1.52	2.79	56.0	1.83	154	4950	500/D
	0.75	7/0.33	0.99	0.76	1.52	22.5	24.5	257	600	500/D
	1.00	7/0.40	1.20	0.76	1.52	25.0	18.1	228	780	500/D
31	1.50	7/0.50	1.50	0.76	2.03	32.5	12.1	252	1260	500/D
	2.50	7/0.67	2.01	1.14	2.03	36.0	7.41	209	1710	500/D
	4.00	7/0.85	2.55	1.14	2.03	39.5	4.61	177	2300	500/D
	6.00	7/1.04	3.12	1.14	2.03	43.5	3.08	153	3020	500/D
	10.00	7/1.35	4.05	1.52	2.79	56.5	1.83	154	5110	500/D
	0.75	7/0.33	0.99	0.76	1.52	24.0	24.5	257	670	500/D
32	1.00	7/0.40	1.20	0.76	1.52	25.5	18.1	228	800	500/D
	1.50	7/0.50	1.50	0.76	2.03	33.0	12.1	252	1300	500/D
	2.50	7/0.67	2.01	1.14	2.03	36.5	7.41	209	1760	500/D
	4.00	7/0.85	2.55	1.14	2.03	40.5	4.61	177	2370	500/D
	6.00	7/1.04	3.12	1.14	2.03	44.5	3.08	153	3120	500/D
	10.00	7/1.35	4.05	1.52	2.79	58.0	1.83	154	5260	500/D