

ICON FLEX ENERGIE – FR Single Cores

PVC-Insulation

IS 694 : 2010

70 °C / 1100 V



Y FR

Application

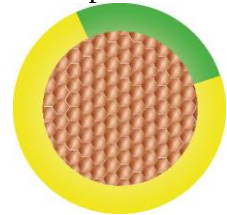
Used for the internal wiring of equipment, distributor, panel, appliance and switchboards and also for protected installation in and on lightings with nominal voltage up to 1100V.

These insulated wires are suitable for laying in tubes, under and surface mounting of plasters and also in conduits. These are not allowed to install for direct laying on cable tray, channels.

Construction

Conductor	Plain annealed copper wire, flexible class 5 (RF) according to IS 8130.
Insulation	Polyvinyl chloride PVC Type D, FR as per IS 5831.
Colour code	Red, Black, Yellow, Blue, White, Grey, Green, Yellow-Green. * (Other colours are on request)
Cable marking.....	LEONI ICON FLEX ENERGIE Y FR <SIZE> 1100 V IS: 694 CM/L 7500193613 <ISI LOGO> <CE LOGO> REACH RoHS

Example Sketch



Note:- Meter marking on the cable applicable from 16 mm² and above.

Technical data

Flammability test	IS 10810 Pt -53/ IEC 60332-1-2	Temperature range
Limiting Oxygen Index (LOI)	IS 10810 Pt- 58 (min. 29 %)	-5°C up to +70°C (during operation)
Temperature Index	IS 10810 Pt.-64 (min. 250 °C)	-5°C up to +50°C (during installation)
		Minimum bending radius
		6 x cable diameter

Abbreviations

Y FR	FR -PVC insulation
FR	Flame Retardent

Electrical Properties at 20 °C

Conductor resistance	Max.	Ω/km	according to IS 8130 Class-5
Test voltage (core to earth)		V	3000 for 5 minutes
Cable Voltage up to & including		V	1100

Sl.No	Leoni Part Code	Description	RT Insulation Nom. (mm)	Core OD Max. (mm)	Weight Approx. (Kg/Km)	Color	Packing length (Mtr)
1	6000007JA001	LEONI Y FR 1X0,5 RF BL 000R0100	0.6	2.6	9	Black	100
2	6000007JA002	LEONI Y FR 1X0,5 RF BL 555R0100	0.6	2.6	9	Blue	100
3	6000007JA003	LEONI Y FR 1X0,5 RF BL 333R0100	0.6	2.6	9	Red	100
4	6000007JA004	LEONI Y FR 1X0,5 RF BL 666R0100	0.6	2.6	9	Green	100
5	6000007JA005	LEONI Y FR 1X0,5 RF BL 111R0100	0.6	2.6	9	Yellow	100
6	6000007JA006	LEONI Y FR 1X0,5 RF BL 777R0100	0.6	2.6	9	Grey	100
7	6000007JA007	LEONI Y FR 1X0,5 RF BL 131R0100	0.6	2.6	9	White	100
8	6000007JA008	LEONI Y FR 1X0,5 RF BL 000R0300	0.6	2.6	9	Black	300
9	6000007JA009	LEONI Y FR 1X0,5 RF BL 555R0300	0.6	2.6	9	Blue	300
10	6000007JA00A	LEONI Y FR 1X0,5 RF BL 333R0300	0.6	2.6	9	Red	300
11	6000007JA00B	LEONI Y FR 1X0,5 RF BL 666R0300	0.6	2.6	9	Green	300
12	6000007JA00C	LEONI Y FR 1X0,5 RF BL 111R0300	0.6	2.6	9	Yellow	300
13	6000007JA00D	LEONI Y FR 1X0,5 RF BL 777R0300	0.6	2.6	9	Grey	300
14	6000007JA00E	LEONI Y FR 1X0,5 RF BL 131R0300	0.6	2.6	9	White	300

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15	6000007JA00F	LEONI Y FR 1X0,5 RF BL 000R0500	0.6	2.6	9	Black	500
16	6000007JA00G	LEONI Y FR 1X0,5 RF BL 555R0500	0.6	2.6	9	Blue	500
17	6000007JA00H	LEONI Y FR 1X0,5 RF BL 333R0500	0.6	2.6	9	Red	500
18	6000007JA00I	LEONI Y FR 1X0,5 RF BL 666R0500	0.6	2.6	9	Green	500
19	6000007JA00J	LEONI Y FR 1X0,5 RF BL 111R0500	0.6	2.6	9	Yellow	500
20	6000007JA00K	LEONI Y FR 1X0,5 RF BL 777R0500	0.6	2.6	9	Grey	500
21	6000007JA00L	LEONI Y FR 1X0,5 RF BL 131R0500	0.6	2.6	9	White	500
22	6000007JA00M	LEONI Y FR 1X0,5 RF BL 222R0100	0.6	2.6	9	Orange	100
23	6000007JA00N	LEONI Y FR 1X0,5 RF BL 222R0300	0.6	2.6	9	Orange	300
24	6000007JA00O	LEONI Y FR 1X0,5 RF BL 222R0500	0.6	2.6	9	Orange	500
25	6000007JA00P	LEONI Y FR 1X0,5 RF BL 116R0100	0.6	2.6	9	Yellow/Green	100
26	6000007JA00Q	LEONI Y FR 1X0,5 RF BL 116R0300	0.6	2.6	9	Yellow/Green	300
27	6000007JA00R	LEONI Y FR 1X0,5 RF BL 116R0500	0.6	2.6	9	Yellow/Green	500
28	6000007JA00S	LEONI Y FR 1X0,5 RF BL 888R0100	0.6	2.6	9	Brown	100
29	6000007JA00T	LEONI Y FR 1X0,5 RF BL 888R0300	0.6	2.6	9	Brown	300
30	6000007JA00U	LEONI Y FR 1X0,5 RF BL 888R0500	0.6	2.6	9	Brown	500
31	6000007JA00V	LEONI Y FR 1X0,5 RF BL 353R0100	0.6	2.6	9	Pink	100
32	6000007JA00W	LEONI Y FR 1X0,5 RF BL 353R0300	0.6	2.6	9	Pink	300
33	6000007JA00X	LEONI Y FR 1X0,5 RF BL 353R0500	0.6	2.6	9	Pink	500
34	6000007JA00Y	LEONI Y FR 1X0,5 RF BL 444R0100	0.6	2.6	9	Violet	100
35	6000007JA00Z	LEONI Y FR 1X0,5 RF BL 444R0300	0.6	2.6	9	Violet	300
36	6000007JA010	LEONI Y FR 1X0,5 RF BL 444R0500	0.6	2.6	9	Violet	500
37	6000007KA001	LEONI Y FR 1X0,75 RF BL 000R0100	0.6	2.8	11.5	Black	100
38	6000007KA002	LEONI Y FR 1X0,75 RF BL 555R0100	0.6	2.8	11.5	Blue	100
39	6000007KA003	LEONI Y FR 1X0,75 RF BL 333R0100	0.6	2.8	11.5	Red	100
40	6000007KA004	LEONI Y FR 1X0,75 RF BL 666R0100	0.6	2.8	11.5	Green	100
41	6000007KA005	LEONI Y FR 1X0,75 RF BL 111R0100	0.6	2.8	11.5	Yellow	100
42	6000007KA006	LEONI Y FR 1X0,75 RF BL 777R0100	0.6	2.8	11.5	Grey	100
43	6000007KA007	LEONI Y FR 1X0,75 RF BL 131R0100	0.6	2.8	11.5	White	100
44	6000007KA008	LEONI Y FR 1X0,75 RF BL 000R0300	0.6	2.8	11.5	Black	300
45	6000007KA009	LEONI Y FR 1X0,75 RF BL 555R0300	0.6	2.8	11.5	Blue	300
46	6000007KA00A	LEONI Y FR 1X0,75 RF BL 333R0300	0.6	2.8	11.5	Red	300
47	6000007KA00B	LEONI Y FR 1X0,75 RF BL 666R0300	0.6	2.8	11.5	Green	300
48	6000007KA00C	LEONI Y FR 1X0,75 RF BL 111R0300	0.6	2.8	11.5	Yellow	300
49	6000007KA00D	LEONI Y FR 1X0,75 RF BL 777R0300	0.6	2.8	11.5	Grey	300
50	6000007KA00E	LEONI Y FR 1X0,75 RF BL 131R0300	0.6	2.8	11.5	White	300
51	6000007KA00F	LEONI Y FR 1X0,75 RF BL 000R0500	0.6	2.8	11.5	Black	500
52	6000007KA00G	LEONI Y FR 1X0,75 RF BL 555R0500	0.6	2.8	11.5	Blue	500
53	6000007KA00H	LEONI Y FR 1X0,75 RF BL 333R0500	0.6	2.8	11.5	Red	500
54	6000007KA00I	LEONI Y FR 1X0,75 RF BL 666R0500	0.6	2.8	11.5	Green	500
55	6000007KA00J	LEONI Y FR 1X0,75 RF BL 111R0500	0.6	2.8	11.5	Yellow	500
56	6000007KA00K	LEONI Y FR 1X0,75 RF BL 777R0500	0.6	2.8	11.5	Grey	500
57	6000007KA00L	LEONI Y FR 1X0,75 RF BL 131R0500	0.6	2.8	11.5	White	500
58	6000007KA00M	LEONI Y FR 1X0,75 RF BL 116R0300	0.6	2.8	11.5	Yellow/Green	300
59	6000007KA00N	LEONI Y FR 1X0,75 RF BL 116R0100	0.6	2.8	11.5	Yellow/Green	100
60	6000007KA00O	LEONI Y FR 1X0,75 RF BL 116R0500	0.6	2.8	11.5	Yellow/Green	500

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61	6000007KA00P	LEONI Y FR 1X0,75 RF BL 888R0100	0.6	2.8	11.5	Brown	100
62	6000007KA00Q	LEONI Y FR 1X0,75 RF BL 888R0300	0.6	2.8	11.5	Brown	300
63	6000007KA00R	LEONI Y FR 1X0,75 RF BL 888R0500	0.6	2.8	11.5	Brown	500
64	6000007KA00S	LEONI Y FR 1X0,75 RF BL 222R0100	0.6	2.8	11.5	Orange	100
65	6000007KA00T	LEONI Y FR 1X0,75 RF BL 222R0300	0.6	2.8	11.5	Orange	300
66	6000007KA00U	LEONI Y FR 1X0,75 RF BL 222R0500	0.6	2.8	11.5	Orange	500
67	6000007KA00V	LEONI Y FR 1X0,75 RF BL 353R0100	0.6	2.8	11.5	Pink	100
68	6000007KA00W	LEONI Y FR 1X0,75 RF BL 353R0300	0.6	2.8	11.5	Pink	300
69	6000007KA00X	LEONI Y FR 1X0,75 RF BL 353R0500	0.6	2.8	11.5	Pink	500
70	6000007KA00Y	LEONI Y FR 1X0,75 RF BL 444R0100	0.6	2.8	11.5	Violet	100
71	6000007KA00Z	LEONI Y FR 1X0,75 RF BL 444R0300	0.6	2.8	11.5	Violet	300
72	6000007KA010	LEONI Y FR 1X0,75 RF BL 444R0500	0.6	2.8	11.5	Violet	500
73	6000007LA001	LEONI Y FR 1X1,0 RF BL 000R0100	0.6	3.0	14	Black	100
74	6000007LA002	LEONI Y FR 1X1,0 RF BL 555R0100	0.6	3.0	14	Blue	100
75	6000007LA003	LEONI Y FR 1X1,0 RF BL 333R0100	0.6	3.0	14	Red	100
76	6000007LA004	LEONI Y FR 1X1,0 RF BL 666R0100	0.6	3.0	14	Green	100
77	6000007LA005	LEONI Y FR 1X1,0 RF BL 111R0100	0.6	3.0	14	Yellow	100
78	6000007LA006	LEONI Y FR 1X1,0 RF BL 777R0100	0.6	3.0	14	Grey	100
79	6000007LA007	LEONI Y FR 1X1,0 RF BL 131R0100	0.6	3.0	14	White	100
80	6000007LA008	LEONI Y FR 1X1,0 RF BL 000R0300	0.6	3.0	14	Black	300
81	6000007LA009	LEONI Y FR 1X1,0 RF BL 555R0300	0.6	3.0	14	Blue	300
82	6000007LA00A	LEONI Y FR 1X1,0 RF BL 333R0300	0.6	3.0	14	Red	300
83	6000007LA00B	LEONI Y FR 1X1,0 RF BL 666R0300	0.6	3.0	14	Green	300
84	6000007LA00C	LEONI Y FR 1X1,0 RF BL 111R0300	0.6	3.0	14	Yellow	300
85	6000007LA00D	LEONI Y FR 1X1,0 RF BL 777R0300	0.6	3.0	14	Grey	300
86	6000007LA00E	LEONI Y FR 1X1,0 RF BL 131R0300	0.6	3.0	14	White	300
87	6000007LA00F	LEONI Y FR 1X1,0 RF BL 000R0500	0.6	3.0	14	Black	500
88	6000007LA00G	LEONI Y FR 1X1,0 RF BL 555R0500	0.6	3.0	14	Blue	500
89	6000007LA00H	LEONI Y FR 1X1,0 RF BL 333R0500	0.6	3.0	14	Red	500
90	6000007LA00I	LEONI Y FR 1X1,0 RF BL 666R0500	0.6	3.0	14	Green	500
91	6000007LA00J	LEONI Y FR 1X1,0 RF BL 111R0500	0.6	3.0	14	Yellow	500
92	6000007LA00K	LEONI Y FR 1X1,0 RF BL 777R0500	0.6	3.0	14	Grey	500
93	6000007LA00L	LEONI Y FR 1X1,0 RF BL 131R0500	0.6	3.0	14	White	500
94	6000007LA00M	LEONI Y FR 1X1,0 RF BL 116R0100	0.6	3.0	14	Yellow/Green	100
95	6000007LA00N	LEONI Y FR 1X1,0 RF BL 116R0300	0.6	3.0	14	Yellow/Green	300
96	6000007LA00O	LEONI Y FR 1X1,0 RF BL 116R0500	0.6	3.0	14	Yellow/Green	500
97	6000007LA00P	LEONI Y FR 1X1,0 RF BL 888R0100	0.6	3.0	14	Brown	100
98	6000007LA00Q	LEONI Y FR 1X1,0 RF BL 888R0300	0.6	3.0	14	Brown	300
99	6000007LA00R	LEONI Y FR 1X1,0 RF BL 888R0500	0.6	3.0	14	Brown	500
100	6000007LA00S	LEONI Y FR 1X1,0 RF BL 222R0100	0.6	3.0	14	Orange	100
101	6000007LA00T	LEONI Y FR 1X1,0 RF BL 222R0300	0.6	3.0	14	Orange	300
102	6000007LA00U	LEONI Y FR 1X1,0 RF BL 222R0500	0.6	3.0	14	Orange	500
103	6000007LA00V	LEONI Y FR 1X1,0 RF BL 353R0100	0.6	3.0	14	Pink	100
104	6000007LA00W	LEONI Y FR 1X1,0 RF BL 353R0300	0.6	3.0	14	Pink	300
105	6000007LA00X	LEONI Y FR 1X1,0 RF BL 353R0500	0.6	3.0	14	Pink	500
106	6000007LA00Y	LEONI Y FR 1X1,0 RF BL 444R0100	0.6	3.0	14	Violet	100

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107	6000007LA00Z	LEONI Y FR 1X1,0 RF BL 444R0300	0.6	3.0	14	Violet	300
108	6000007LA010	LEONI Y FR 1X1,0 RF BL 444R0500	0.6	3.0	14	Violet	500
109	6000007MA001	LEONI Y FR 1X1,5RF BL 000R0100	0.6	3.4	19	Black	100
110	6000007MA002	LEONI Y FR 1X1,5RF BL 555R0100	0.6	3.4	19	Blue	100
111	6000007MA003	LEONI Y FR 1X1,5RF BL 333R0100	0.6	3.4	19	Red	100
112	6000007MA004	LEONI Y FR 1X1,5RF BL 666R0100	0.6	3.4	19	Green	100
113	6000007MA005	LEONI Y FR 1X1,5RF BL 111R0100	0.6	3.4	19	Yellow	100
114	6000007MA006	LEONI Y FR 1X1,5RF BL 777R0100	0.6	3.4	19	Grey	100
115	6000007MA007	LEONI Y FR 1X1,5RF BL 131R0100	0.6	3.4	19	White	100
116	6000007MA008	LEONI Y FR 1X1,5RF BL 000R0300	0.6	3.4	19	Black	300
117	6000007MA009	LEONI Y FR 1X1,5RF BL 555R0300	0.6	3.4	19	Blue	300
118	6000007MA00A	LEONI Y FR 1X1,5RF BL 333R0300	0.6	3.4	19	Red	300
119	6000007MA00B	LEONI Y FR 1X1,5RF BL 666R0300	0.6	3.4	19	Green	300
120	6000007MA00C	LEONI Y FR 1X1,5RF BL 111R0300	0.6	3.4	19	Yellow	300
121	6000007MA00D	LEONI Y FR 1X1,5RF BL 777R0300	0.6	3.4	19	Grey	300
122	6000007MA00E	LEONI Y FR 1X1,5RF BL 131R0300	0.6	3.4	19	White	300
123	6000007MA00F	LEONI Y FR 1X1,5RF BL 000R0500	0.6	3.4	19	Black	500
124	6000007MA00G	LEONI Y FR 1X1,5RF BL 555R0500	0.6	3.4	19	Blue	500
125	6000007MA00H	LEONI Y FR 1X1,5RF BL 333R0500	0.6	3.4	19	Red	500
126	6000007MA00I	LEONI Y FR 1X1,5RF BL 666R0500	0.6	3.4	19	Green	500
127	6000007MA00J	LEONI Y FR 1X1,5RF BL 111R0500	0.6	3.4	19	Yellow	500
128	6000007MA00K	LEONI Y FR 1X1,5RF BL 777R0500	0.6	3.4	19	Grey	500
129	6000007MA00L	LEONI Y FR 1X1,5RF BL 131R0500	0.6	3.4	19	White	500
130	6000007MA00M	LEONI Y FR 1X1,5RF BL 116R0100	0.6	3.4	19	Yellow/Green	100
131	6000007MA00N	LEONI Y FR 1X1,5RF BL 116R0300	0.6	3.4	19	Yellow/Green	300
132	6000007MA00O	LEONI Y FR 1X1,5RF BL 116R0500	0.6	3.4	19	Yellow/Green	500
133	6000007MA00P	LEONI Y FR 1X1,5RF BL 888R0100	0.6	3.4	19	Brown	100
134	6000007MA00Q	LEONI Y FR 1X1,5RF BL 888R0300	0.6	3.4	19	Brown	300
135	6000007MA00R	LEONI Y FR 1X1,5RF BL 888R0500	0.6	3.4	19	Brown	500
136	6000007MA00S	LEONI Y FR 1X1,5RF BL 222R0100	0.6	3.4	19	Orange	100
137	6000007MA00T	LEONI Y FR 1X1,5RF BL 222R0300	0.6	3.4	19	Orange	300
138	6000007MA00U	LEONI Y FR 1X1,5RF BL 222R0500	0.6	3.4	19	Orange	500
139	6000007MA00V	LEONI Y FR 1X1,5RF BL 353R0100	0.6	3.4	19	Pink	100
140	6000007MA00W	LEONI Y FR 1X1,5RF BL 353R0300	0.6	3.4	19	Pink	300
141	6000007MA00X	LEONI Y FR 1X1,5RF BL 353R0500	0.6	3.4	19	Pink	500
142	6000007MA00Y	LEONI Y FR 1X1,5RF BL 444R0100	0.6	3.4	19	Violet	100
143	6000007MA00Z	LEONI Y FR 1X1,5RF BL 444R0300	0.6	3.4	19	Violet	300
144	6000007MA010	LEONI Y FR 1X1,5RF BL 444R0500	0.6	3.4	19	Violet	500
145	6000007NA001	LEONI Y FR 1X2,5RF BL 000R0100	0.7	4.1	30	Black	100
146	6000007NA002	LEONI Y FR 1X2,5RF BL 555R0100	0.7	4.1	30	Blue	100
147	6000007NA003	LEONI Y FR 1X2,5RF BL 333R0100	0.7	4.1	30	Red	100
148	6000007NA004	LEONI Y FR 1X2,5RF BL 666R0100	0.7	4.1	30	Green	100
149	6000007NA005	LEONI Y FR 1X2,5RF BL 111R0100	0.7	4.1	30	Yellow	100
150	6000007NA006	LEONI Y FR 1X2,5RF BL 777R0100	0.7	4.1	30	Grey	100
151	6000007NA007	LEONI Y FR 1X2,5RF BL 131R0100	0.7	4.1	30	White	100
152	6000007NA008	LEONI Y FR 1X2,5RF BL 000R0300	0.7	4.1	30	Black	300

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153	6000007NA009	LEONI Y FR 1X2.5RF BL 555R0300	0.7	4.1	30	Blue	300
154	6000007NA00A	LEONI Y FR 1X2.5RF BL 333R0300	0.7	4.1	30	Red	300
155	6000007NA00B	LEONI Y FR 1X2.5RF BL 666R0300	0.7	4.1	30	Green	300
156	6000007NA00C	LEONI Y FR 1X2.5RF BL 111R0300	0.7	4.1	30	Yellow	300
157	6000007NA00D	LEONI Y FR 1X2.5RF BL 777R0300	0.7	4.1	30	Grey	300
158	6000007NA00E	LEONI Y FR 1X2.5RF BL 131R0300	0.7	4.1	30	White	300
159	6000007NA00F	LEONI Y FR 1X2.5RF BL 000R0500	0.7	4.1	30	Black	500
160	6000007NA00G	LEONI Y FR 1X2.5RF BL 555R0500	0.7	4.1	30	Blue	500
161	6000007NA00H	LEONI Y FR 1X2.5RF BL 333R0500	0.7	4.1	30	Red	500
162	6000007NA00I	LEONI Y FR 1X2.5RF BL 666R0500	0.7	4.1	30	Green	500
163	6000007NA00J	LEONI Y FR 1X2.5RF BL 111R0500	0.7	4.1	30	Yellow	500
164	6000007NA00K	LEONI Y FR 1X2.5RF BL 777R0500	0.7	4.1	30	Grey	500
165	6000007NA00L	LEONI Y FR 1X2.5RF BL 131R0500	0.7	4.1	30	White	500
166	6000007NA00M	LEONI Y FR 1X2.5RF BL 116R0100	0.7	4.1	30	Yellow/Green	100
167	6000007NA00N	LEONI Y FR 1X2.5RF BL 116R0300	0.7	4.1	30	Yellow/Green	300
168	6000007NA00O	LEONI Y FR 1X2.5RF BL 116R0500	0.7	4.1	30	Yellow/Green	500
169	6000007OA001	LEONI Y FR 1X4.0RF BL 000R0100	0.8	4.8	45.5	Black	100
170	6000007OA002	LEONI Y FR 1X4.0RF BL 555R0100	0.8	4.8	45.5	Blue	100
171	6000007OA003	LEONI Y FR 1X4.0RF BL 333R0100	0.8	4.8	45.5	Red	100
172	6000007OA004	LEONI Y FR 1X4.0RF BL 666R0100	0.8	4.8	45.5	Green	100
173	6000007OA005	LEONI Y FR 1X4.0RF BL 111R0100	0.8	4.8	45.5	Yellow	100
174	6000007OA006	LEONI Y FR 1X4.0RF BL 777R0100	0.8	4.8	45.5	Grey	100
175	6000007OA007	LEONI Y FR 1X4.0RF BL 131R0100	0.8	4.8	45.5	White	100
176	6000007OA008	LEONI Y FR 1X4.0RF BL 000R0300	0.8	4.8	45.5	Black	300
177	6000007OA009	LEONI Y FR 1X4.0RF BL 555R0300	0.8	4.8	45.5	Blue	300
178	6000007OA00A	LEONI Y FR 1X4.0RF BL 333R0300	0.8	4.8	45.5	Red	300
179	6000007OA00B	LEONI Y FR 1X4.0RF BL 666R0300	0.8	4.8	45.5	Green	300
180	6000007OA00C	LEONI Y FR 1X4.0RF BL 111R0300	0.8	4.8	45.5	Yellow	300
181	6000007OA00D	LEONI Y FR 1X4.0RF BL 777R0300	0.8	4.8	45.5	Grey	300
182	6000007OA00E	LEONI Y FR 1X4.0RF BL 131R0300	0.8	4.8	45.5	White	300
183	6000007OA00F	LEONI Y FR 1X4.0RF BL 000R0500	0.8	4.8	45.5	Black	500
184	6000007OA00G	LEONI Y FR 1X4.0RF BL 555R0500	0.8	4.8	45.5	Blue	500
185	6000007OA00H	LEONI Y FR 1X4.0RF BL 333R0500	0.8	4.8	45.5	Red	500
186	6000007OA00I	LEONI Y FR 1X4.0RF BL 666R0500	0.8	4.8	45.5	Green	500
187	6000007OA00J	LEONI Y FR 1X4.0RF BL 111R0500	0.8	4.8	45.5	Yellow	500
188	6000007OA00K	LEONI Y FR 1X4.0RF BL 777R0500	0.8	4.8	45.5	Grey	500
189	6000007OA00L	LEONI Y FR 1X4.0RF BL 131R0500	0.8	4.8	45.5	White	500
190	6000007OA00M	LEONI Y FR 1X4.0RF BL 116R0100	0.8	4.8	45.5	Yellow/Green	100
191	6000007OA00N	LEONI Y FR 1X4.0RF BL 116R0300	0.8	4.8	45.5	Yellow/Green	300
192	6000007OA00O	LEONI Y FR 1X4.0RF BL 116R0500	0.8	4.8	45.5	Yellow/Green	500
193	6000007PA001	LEONI Y FR 1X6.0RF BL 000R0100	0.8	5.3	64	Black	100
194	6000007PA002	LEONI Y FR 1X6.0RF BL 555R0100	0.8	5.3	64	Blue	100
195	6000007PA003	LEONI Y FR 1X6.0RF BL 333R0100	0.8	5.3	64	Red	100
196	6000007PA004	LEONI Y FR 1X6.0RF BL 666R0100	0.8	5.3	64	Green	100
197	6000007PA005	LEONI Y FR 1X6.0RF BL 111R0100	0.8	5.3	64	Yellow	100
198	6000007PA006	LEONI Y FR 1X6.0RF BL 777R0100	0.8	5.3	64	Grey	100

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Y FR

199	6000007PA007	LEONI Y FR 1X6.0RF BL 131R0100	0.8	5.3	64	White	100
200	6000007PA008	LEONI Y FR 1X6.0RF BL 000R0300	0.8	5.3	64	Black	300
201	6000007PA009	LEONI Y FR 1X6.0RF BL 555R0300	0.8	5.3	64	Blue	300
202	6000007PA00A	LEONI Y FR 1X6.0RF BL 333R0300	0.8	5.3	64	Red	300
203	6000007PA00B	LEONI Y FR 1X6.0RF BL 666R0300	0.8	5.3	64	Green	300
204	6000007PA00C	LEONI Y FR 1X6.0RF BL 111R0300	0.8	5.3	64	Yellow	300
205	6000007PA00D	LEONI Y FR 1X6.0RF BL 777R0300	0.8	5.3	64	Grey	300
206	6000007PA00E	LEONI Y FR 1X6.0RF BL 131R0300	0.8	5.3	64	White	300
207	6000007PA00F	LEONI Y FR 1X6.0RF BL 000R0500	0.8	5.3	64	Black	500
208	6000007PA00G	LEONI Y FR 1X6.0RF BL 555R0500	0.8	5.3	64	Blue	500
209	6000007PA00H	LEONI Y FR 1X6.0RF BL 333R0500	0.8	5.3	64	Red	500
210	6000007PA00I	LEONI Y FR 1X6.0RF BL 666R0500	0.8	5.3	64	Green	500
211	6000007PA00J	LEONI Y FR 1X6.0RF BL 111R0500	0.8	5.3	64	Yellow	500
212	6000007PA00K	LEONI Y FR 1X6.0RF BL 777R0500	0.8	5.3	64	Grey	500
213	6000007PA00L	LEONI Y FR 1X6.0RF BL 131R0500	0.8	5.3	64	White	500
214	6000007PA00M	LEONI Y FR 1X6.0RF BL 116R0500	0.8	5.3	64	Yellow/Green	500
215	6000007PA00N	LEONI Y FR 1X6.0RF BL 116R0100	0.8	5.3	64	Yellow/Green	100
216	6000007PA00O	LEONI Y FR 1X6.0RF BL 116R0300	0.8	5.3	64	Yellow/Green	300
217	6000007ZA006	LEONI Y FR 1X10.0RF BL 333R0100	1.0	7.0	108.5	Red	100
218	6000007ZA007	LEONI Y FR 1X10.0RF BL 116R0100	1.0	7.0	108.5	Yellow/Green	100
219	6000007ZA008	LEONI Y FR 1X10.0RF BL 000R0100	1.0	7.0	108.5	Black	100
220	6000007ZA009	LEONI Y FR 1X10.0RF BL 555R0100	1.0	7.0	108.5	Blue	100
221	6000007ZA00A	LEONI Y FR 1X10.0RF BL 111R0100	1.0	7.0	108.5	Yellow	100
222	6000007ZA00B	LEONI Y FR 1X10.0RF BL 777R0100	1.0	7.0	108.5	Grey	100
223	6000007ZA00C	LEONI Y FR 1X10.0RF BL 131R0100	1.0	7.0	108.5	White	100
224	6000007ZA00D	LEONI Y FR 1X10.0RF BL 666R0100	1.0	7.0	108.5	Green	100
225	6000007ZA00E	LEONI Y FR 1X10.0RF BL 000R0300	1.0	7.0	108.5	Black	300
226	6000007ZA00F	LEONI Y FR 1X10.0RF BL 555R0300	1.0	7.0	108.5	Blue	300
227	6000007ZA00G	LEONI Y FR 1X10.0RF BL 333R0300	1.0	7.0	108.5	Red	300
228	6000007ZA00H	LEONI Y FR 1X10.0RF BL 666R0300	1.0	7.0	108.5	Green	300
229	6000007ZA00I	LEONI Y FR 1X10.0RF BL 777R0300	1.0	7.0	108.5	Grey	300
230	6000007ZA00J	LEONI Y FR 1X10.0RF BL 131R0300	1.0	7.0	108.5	White	300
231	6000007ZA00K	LEONI Y FR 1X10.0RF BL 116R0300	1.0	7.0	108.5	Yellow/Green	300
232	6000007ZA00L	LEONI Y FR 1X10.0RF BL 000R0500	1.0	7.0	108.5	Black	500
233	6000007ZA00M	LEONI Y FR 1X10.0RF BL 555R0500	1.0	7.0	108.5	Blue	500
234	6000007ZA00N	LEONI Y FR 1X10.0RF BL 333R0500	1.0	7.0	108.5	Red	500
235	6000007ZA00O	LEONI Y FR 1X10.0RF BL 666R0500	1.0	7.0	108.5	Green	500
236	6000007ZA00P	LEONI Y FR 1X10.0RF BL 777R0500	1.0	7.0	108.5	Grey	500
237	6000007ZA00Q	LEONI Y FR 1X10.0RF BL 131R0500	1.0	7.0	108.5	White	500
238	6000007ZA00R	LEONI Y FR 1X10.0RF BL 116R0500	1.0	7.0	108.5	Yellow/Green	500
239	6000007ZA00S	LEONI Y FR 1X10.0RF BL 111R0500	1.0	7.0	108.5	Yellow	500
240	6000007ZA00T	LEONI Y FR 1X10.0RF BL 111R0300	1.0	7.0	108.5	Yellow	300
241	6000007YA006	LEONI Y FR 1X16.0RF BL 000R0100	1.0	8.1	164.5	Black	100
242	6000007YA007	LEONI Y FR 1X16.0RF BL 555R0100	1.0	8.1	164.5	Blue	100
243	6000007YA008	LEONI Y FR 1X16.0RF BL 333R0100	1.0	8.1	164.5	Red	100
244	6000007YA009	LEONI Y FR 1X16.0RF BL 666R0100	1.0	8.1	164.5	Green	100

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Y FR

245	6000007YA00A	LEONI Y FR 1X16.0RF BL 111R0100	1.0	8.1	164.5	Yellow	100
246	6000007YA00B	LEONI Y FR 1X16.0RF BL 777R0100	1.0	8.1	164.5	Grey	100
247	6000007YA00C	LEONI Y FR 1X16.0RF BL 131R0100	1.0	8.1	164.5	White	100
248	6000007YA00D	LEONI Y FR 1X16.0RF BL 116R0100	1.0	8.1	164.5	Yellow/Green	100
249	6000007YA00E	LEONI Y FR 1X16.0RF BL 000R0300	1.0	8.1	164.5	Black	300
250	6000007YA00F	LEONI Y FR 1X16.0RF BL 555R0300	1.0	8.1	164.5	Blue	300
251	6000007YA00G	LEONI Y FR 1X16.0RF BL 333R0300	1.0	8.1	164.5	Red	300
252	6000007YA00H	LEONI Y FR 1X16.0RF BL 666R0300	1.0	8.1	164.5	Green	300
253	6000007YA00I	LEONI Y FR 1X16.0RF BL 111R0300	1.0	8.1	164.5	Yellow	300
254	6000007YA00J	LEONI Y FR 1X16.0RF BL 777R0300	1.0	8.1	164.5	Grey	300
255	6000007YA00K	LEONI Y FR 1X16.0RF BL 131R0300	1.0	8.1	164.5	White	300
256	6000007YA00L	LEONI Y FR 1X16.0RF BL 116R0300	1.0	8.1	164.5	Yellow/Green	300
257	6000007YA00M	LEONI Y FR 1X16.0RF BL 000R0500	1.0	8.1	164.5	Black	500
258	6000007YA00N	LEONI Y FR 1X16.0RF BL 555R0500	1.0	8.1	164.5	Blue	500
259	6000007YA00O	LEONI Y FR 1X16.0RF BL 333R0500	1.0	8.1	164.5	Red	500
260	6000007YA00P	LEONI Y FR 1X16.0RF BL 666R0500	1.0	8.1	164.5	Green	500
261	6000007YA00Q	LEONI Y FR 1X16.0RF BL 111R0500	1.0	8.1	164.5	Yellow	500
262	6000007YA00R	LEONI Y FR 1X16.0RF BL 777R0500	1.0	8.1	164.5	Grey	500
263	6000007YA00S	LEONI Y FR 1X16.0RF BL 131R0500	1.0	8.1	164.5	White	500
264	6000007YA00T	LEONI Y FR 1X16.0RF BL 116R0500	1.0	8.1	164.5	Yellow/Green	500
265	60000080A005	LEONI Y FR 1X25.0RF BL 000R0100	1.2	10.2	250	Black	100
266	60000080A006	LEONI Y FR 1X25.0RF BL 555R0100	1.2	10.2	250	Blue	100
267	60000080A007	LEONI Y FR 1X25.0RF BL 333R0100	1.2	10.2	250	Red	100
268	60000080A008	LEONI Y FR 1X25.0RF BL 666R0100	1.2	10.2	250	Green	100
269	60000080A009	LEONI Y FR 1X25.0RF BL 111R0100	1.2	10.2	250	Yellow	100
270	60000080A00A	LEONI Y FR 1X25.0RF BL 777R0100	1.2	10.2	250	Grey	100
271	60000080A00B	LEONI Y FR 1X25.0RF BL 131R0100	1.2	10.2	250	White	100
272	60000080A00C	LEONI Y FR 1X25.0RF BL 116R0100	1.2	10.2	250	Yellow/Green	100
273	60000080A00D	LEONI Y FR 1X25.0RF BL 000R0300	1.2	10.2	250	Black	300
274	60000080A00E	LEONI Y FR 1X25.0RF BL 555R0300	1.2	10.2	250	Blue	300
275	60000080A00F	LEONI Y FR 1X25.0RF BL 333R0300	1.2	10.2	250	Red	300
276	60000080A00G	LEONI Y FR 1X25.0RF BL 666R0300	1.2	10.2	250	Green	300
277	60000080A00H	LEONI Y FR 1X25.0RF BL 111R0300	1.2	10.2	250	Yellow	300
278	60000080A00I	LEONI Y FR 1X25.0RF BL 777R0300	1.2	10.2	250	Grey	300
279	60000080A00J	LEONI Y FR 1X25.0RF BL 131R0300	1.2	10.2	250	White	300
280	60000080A00K	LEONI Y FR 1X25.0RF BL 116R0300	1.2	10.2	250	Yellow/Green	300
281	60000080A00L	LEONI Y FR 1X25.0RF BL 000R0500	1.2	10.2	250	Black	500
282	60000080A00M	LEONI Y FR 1X25.0RF BL 555R0500	1.2	10.2	250	Blue	500
283	60000080A00N	LEONI Y FR 1X25.0RF BL 333R0500	1.2	10.2	250	Red	500
284	60000080A00O	LEONI Y FR 1X25.0RF BL 666R0500	1.2	10.2	250	Green	500
285	60000080A00P	LEONI Y FR 1X25.0RF BL 111R0500	1.2	10.2	250	Yellow	500
286	60000080A00Q	LEONI Y FR 1X25.0RF BL 777R0500	1.2	10.2	250	Grey	500
287	60000080A00R	LEONI Y FR 1X25.0RF BL 131R0500	1.2	10.2	250	White	500
288	60000080A00S	LEONI Y FR 1X25.0RF BL 116R0500	1.2	10.2	250	Yellow/Green	500
289	60000081A005	LEONI Y FR 1X35.0RF BL 000R0100	1.2	11.7	341	Black	100
290	60000081A006	LEONI Y FR 1X35.0RF BL 555R0100	1.2	11.7	341	Blue	100

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Y FR

291	60000081A007	LEONI Y FR 1X35.0RF BL 333R0100	1.2	11.7	341	Red	100
292	60000081A008	LEONI Y FR 1X35.0RF BL 666R0100	1.2	11.7	341	Green	100
293	60000081A009	LEONI Y FR 1X35.0RF BL 111R0100	1.2	11.7	341	Yellow	100
294	60000081A00A	LEONI Y FR 1X35.0RF BL 777R0100	1.2	11.7	341	Grey	100
295	60000081A00B	LEONI Y FR 1X35.0RF BL 131R0100	1.2	11.7	341	White	100
296	60000081A00C	LEONI Y FR 1X35.0RF BL 116R0100	1.2	11.7	341	Yellow/Green	100
297	60000081A00D	LEONI Y FR 1X35.0RF BL 000R0300	1.2	11.7	341	Black	300
298	60000081A00E	LEONI Y FR 1X35.0RF BL 555R0300	1.2	11.7	341	Blue	300
299	60000081A00F	LEONI Y FR 1X35.0RF BL 333R0300	1.2	11.7	341	Red	300
300	60000081A00G	LEONI Y FR 1X35.0RF BL 666R0300	1.2	11.7	341	Green	300
301	60000081A00H	LEONI Y FR 1X35.0RF BL 111R0300	1.2	11.7	341	Yellow	300
302	60000081A00I	LEONI Y FR 1X35.0RF BL 777R0300	1.2	11.7	341	Grey	300
303	60000081A00J	LEONI Y FR 1X35.0RF BL 131R0300	1.2	11.7	341	White	300
304	60000081A00K	LEONI Y FR 1X35.0RF BL 116R0300	1.2	11.7	341	Yellow/Green	300
305	60000081A00L	LEONI Y FR 1X35.0RF BL 000R0500	1.2	11.7	341	Black	500
306	60000081A00M	LEONI Y FR 1X35.0RF BL 555R0500	1.2	11.7	341	Blue	500
307	60000081A00N	LEONI Y FR 1X35.0RF BL 333R0500	1.2	11.7	341	Red	500
308	60000081A00O	LEONI Y FR 1X35.0RF BL 666R0500	1.2	11.7	341	Green	500
309	60000081A00P	LEONI Y FR 1X35.0RF BL 111R0500	1.2	11.7	341	Yellow	500
310	60000081A00Q	LEONI Y FR 1X35.0RF BL 777R0500	1.2	11.7	341	Grey	500
311	60000081A00R	LEONI Y FR 1X35.0RF BL 131R0500	1.2	11.7	341	White	500
312	60000081A00S	LEONI Y FR 1X35.0RF BL 116R0500	1.2	11.7	341	Yellow/Green	500
313	60000082A005	LEONI Y FR 1X50.0RF BL 000R0300	1.4	13.9	488.5	Black	300
314	60000082A006	LEONI Y FR 1X50.0RF BL 555R0300	1.4	13.9	488.5	Blue	300
315	60000082A007	LEONI Y FR 1X50.0RF BL 333R0300	1.4	13.9	488.5	Red	300
316	60000082A008	LEONI Y FR 1X50.0RF BL 666R0300	1.4	13.9	488.5	Green	300
317	60000082A009	LEONI Y FR 1X50.0RF BL 111R0300	1.4	13.9	488.5	Yellow	300
318	60000082A00A	LEONI Y FR 1X50.0RF BL 777R0300	1.4	13.9	488.5	Grey	300
319	60000082A00B	LEONI Y FR 1X50.0RF BL 131R0300	1.4	13.9	488.5	White	300
320	60000082A00C	LEONI Y FR 1X50.0RF BL 116R0300	1.4	13.9	488.5	Yellow/Green	300
321	60000082A00D	LEONI Y FR 1X50.0RF BL 000R0500	1.4	13.9	488.5	Black	500
322	60000082A00E	LEONI Y FR 1X50.0RF BL 555R0500	1.4	13.9	488.5	Blue	500
323	60000082A00F	LEONI Y FR 1X50.0RF BL 333R0500	1.4	13.9	488.5	Red	500
324	60000082A00G	LEONI Y FR 1X50.0RF BL 666R0500	1.4	13.9	488.5	Green	500
325	60000082A00H	LEONI Y FR 1X50.0RF BL 111R0500	1.4	13.9	488.5	Yellow	500
326	60000082A00I	LEONI Y FR 1X50.0RF BL 777R0500	1.4	13.9	488.5	Grey	500
327	60000082A00J	LEONI Y FR 1X50.0RF BL 131R0500	1.4	13.9	488.5	White	500
328	60000082A00K	LEONI Y FR 1X50.0RF BL 116R0500	1.4	13.9	488.5	Yellow/Green	500
329	60000083A005	LEONI Y FR 1X70.0RF BL 000R0300	1.4	16.0	675	Black	300
330	60000083A006	LEONI Y FR 1X70.0RF BL 555R0300	1.4	16.0	675	Blue	300
331	60000083A007	LEONI Y FR 1X70.0RF BL 333R0300	1.4	16.0	675	Red	300
332	60000083A008	LEONI Y FR 1X70.0RF BL 666R0300	1.4	16.0	675	Green	300
333	60000083A009	LEONI Y FR 1X70.0RF BL 111R0300	1.4	16.0	675	Yellow	300
334	60000083A00A	LEONI Y FR 1X70.0RF BL 777R0300	1.4	16.0	675	Grey	300
335	60000083A00B	LEONI Y FR 1X70.0RF BL 131R0300	1.4	16.0	675	White	300
336	60000083A00C	LEONI Y FR 1X70.0RF BL 116R0300	1.4	16.0	675	Yellow/Green	300

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Y FR

337	60000083A00D	LEONI Y FR 1X70.0RF BL 000R0500	1.4	16.0	675	Black	500
338	60000083A00E	LEONI Y FR 1X70.0RF BL 555R0500	1.4	16.0	675	Blue	500
339	60000083A00F	LEONI Y FR 1X70.0RF BL 333R0500	1.4	16.0	675	Red	500
340	60000083A00G	LEONI Y FR 1X70.0RF BL 666R0500	1.4	16.0	675	Green	500
341	60000083A00H	LEONI Y FR 1X70.0RF BL 111R0500	1.4	16.0	675	Yellow	500
342	60000083A00I	LEONI Y FR 1X70.0RF BL 777R0500	1.4	16.0	675	Grey	500
343	60000083A00J	LEONI Y FR 1X70.0RF BL 131R0500	1.4	16.0	675	White	500
344	60000083A00K	LEONI Y FR 1X70.0RF BL 116R0500	1.4	16.0	675	Yellow/Green	500
345	60000084A005	LEONI Y FR 1X95.0RF BL 000R0300	1.6	18.2	885	Black	300
346	60000084A006	LEONI Y FR 1X95.0RF BL 555R0300	1.6	18.2	885	Blue	300
347	60000084A007	LEONI Y FR 1X95.0RF BL 333R0300	1.6	18.2	885	Red	300
348	60000084A008	LEONI Y FR 1X95.0RF BL 666R0300	1.6	18.2	885	Green	300
349	60000084A009	LEONI Y FR 1X95.0RF BL 111R0300	1.6	18.2	885	Yellow	300
350	60000084A00A	LEONI Y FR 1X95.0RF BL 777R0300	1.6	18.2	885	Grey	300
351	60000084A00B	LEONI Y FR 1X95.0RF BL 131R0300	1.6	18.2	885	White	300
352	60000084A00C	LEONI Y FR 1X95.0RF BL 116R0300	1.6	18.2	885	Yellow/Green	300
353	60000084A00D	LEONI Y FR 1X95.0RF BL 000R0500	1.6	18.2	885	Black	500
354	60000084A00E	LEONI Y FR 1X95.0RF BL 555R0500	1.6	18.2	885	Blue	500
355	60000084A00F	LEONI Y FR 1X95.0RF BL 333R0500	1.6	18.2	885	Red	500
356	60000084A00G	LEONI Y FR 1X95.0RF BL 666R0500	1.6	18.2	885	Green	500
357	60000084A00H	LEONI Y FR 1X95.0RF BL 111R0500	1.6	18.2	885	Yellow	500
358	60000084A00I	LEONI Y FR 1X95.0RF BL 777R0500	1.6	18.2	885	Grey	500
359	60000084A00J	LEONI Y FR 1X95.0RF BL 131R0500	1.6	18.2	885	White	500
360	60000084A00K	LEONI Y FR 1X95.0RF BL 116R0500	1.6	18.2	885	Yellow/Green	500
361	60000085A005	LEONI Y FR 1X120.0RF BL 000R0300	1.6	20.2	1117	Black	300
362	60000085A006	LEONI Y FR 1X120.0RF BL 116R0300	1.6	20.2	1117	Yellow/Green	300
363	60000085A007	LEONI Y FR 1X120.0RF BL 000R0500	1.6	20.2	1117	Black	500
364	60000085A008	LEONI Y FR 1X120.0RF BL 116R0500	1.6	20.2	1117	Yellow/Green	500
365	60000086A005	LEONI Y FR 1X150.0RF BL 000R0300	1.8	22.5	1410	Black	300
366	60000086A006	LEONI Y FR 1X150.0RF BL 116R0300	1.8	22.5	1410	Yellow/Green	300
367	60000086A007	LEONI Y FR 1X150.0RF BL 000R0500	1.8	22.5	1410	Black	500
368	60000086A008	LEONI Y FR 1X150.0RF BL 116R0500	1.8	22.5	1410	Yellow/Green	500
369	60000087A005	LEONI Y FR 1X185.0RF BL 000R0300	2.0	24.9	1695	Black	300
370	60000087A006	LEONI Y FR 1X185.0RF BL 116R0300	2.0	24.9	1695	Yellow/Green	300
371	60000087A007	LEONI Y FR 1X185.0RF BL 000R0500	2.0	24.9	1695	Black	500
372	60000087A008	LEONI Y FR 1X185.0RF BL 116R0500	2.0	24.9	1695	Yellow/Green	500
373	60000088A005	LEONI Y FR 1X240.0RF BL 000R0300	2.2	28.4	2229	Black	300
374	60000088A006	LEONI Y FR 1X240.0RF BL 116R0300	2.2	28.4	2229	Yellow/Green	300
375	60000088A007	LEONI Y FR 1X240.0RF BL 000R0500	2.2	28.4	2229	Black	500
376	60000088A008	LEONI Y FR 1X240.0RF BL 116R0500	2.2	28.4	2229	Yellow/Green	500
377	60000089A005	LEONI Y FR 1X300.0RF BL 000R0300	2.4	31.0	2776	Black	300
378	60000089A006	LEONI Y FR 1X300.0RF BL 116R0300	2.4	31.0	2776	Yellow/Green	300
379	60000089A007	LEONI Y FR 1X300.0RF BL 000R0500	2.4	31.0	2776	Black	500
380	60000089A008	LEONI Y FR 1X300.0RF BL 116R0500	2.4	31.0	2776	Yellow/Green	500

RT = Radial Thickness