



AN ISO 9001 : 2015 CERTIFIED COMPANY

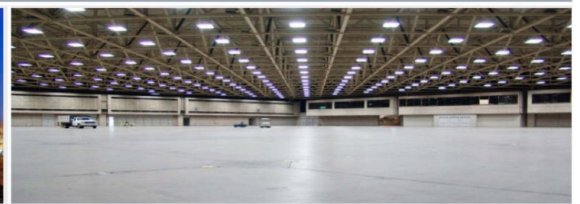
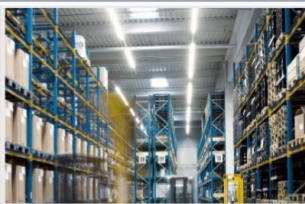
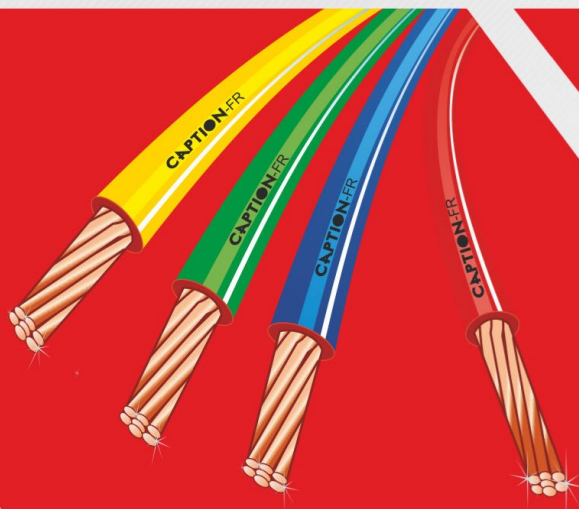


CAPTION[®]-FR
WIRES AND CABLES

Better Quality
Better Safety
Better Life

SINCE - 1992

CAPTION



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Milan Industries is empowering a wide range consumer product across the nation with a wide experience of more than 28 years in this field. The vision & mission is to provide the safest wires & cables to its customers with an assurances. A team of qualified Engineers & Technologist makes sure that the company always remains a forerunner in technological advancements.

WE MAKE THE WIRES & CABLES IN CAPTION BRAND. THE RANGE OF PRODUCTS ARE...

- FR & FRLS, HR, ZHFR PVC Cables
- Flexible Single and Multi-Core Cables & House Wiring Cables.
- Agricultural Submersible 3 Core Flat Cable and Round Cables for De-Wotring Pumps.
- Special Cables as per Customer's Requirement, Specification and Application.
- PVC Insulated Control Cables & Power Cables 1.1 KV Grade.



FR/HR/FRLS/ZHFR		INSULATED MULTI-STRAND ANNEALED COPPER CONDUCTOR HOUSE WIRES		
Size in sq. mm.	Size in mm.	Approximate Dia in mm	Max. D.C. Resistance @20°C	Current Rating in Amp.
1.00	14/0.30	3.00	18.10	11
1.50	22/0.30	3.30	12.10	14
2.50	36/0.60	4.10	7.41	18
4.00	56/0.30	4.60	4.61	25

FR/HR/FRLS/ZHFR		INSULATED ANNEALED COPPER CONDUCTOR SINGLE CORE FLEXIBLE WIRES		
Size in sq. mm.	Size in mm.	Approximate Dia in mm	Max. D.C. Resistance @ 20°C	Current Rating in Amp
0.50	16/0.20	2.40	39.00	4
0.75	24/0.20	2.60	26.00	7
1.00	14/0.30	2.80	19.50	11
1.50	22/0.30	3.35	13.30	14
2.50	36/0.30	3.80	7.98	19
4.00	56/0.30	4.60	4.95	26
6.00	84/0.30	5.40	3.30	35
10.00	140//0.30	7.50	1.91	45
16.00	226/0.30	9.00	1.21	60
25.00	350/0.30	9.50	0.780	80
35.00	490/0.30	11.30	0.554	102
50.00	700/0.30	13.80	0.385	138
70.00	980/0.30	15.20	0.272	210
95.00	1330/0.30	18.00	0.206	250
120.00	1680/0.30	21.00	0.161	305

In view of continuous improvements in our design & process, specifications given herein are subject to change without notice.
All information given here is in good faith. "Milan Industries" shall not be liable for any damages arising out of incorrect use or interpretation

CAPTION PLAIN ETP COPPER CONDUCTOR SINGLE CORE HOUSE HOLD WIRE VOLTAGE GRADE UP TO 1100V.

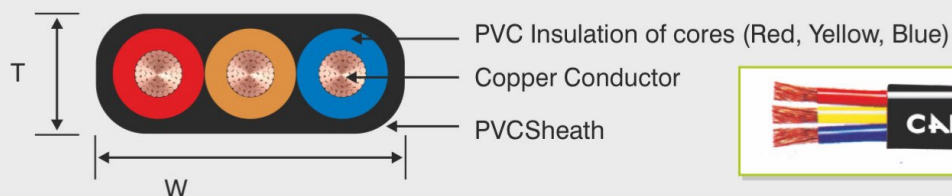
Ares Sq. mm.	Cound Construction mm.	Cound Diameter mm.	Nominal Thickness mm.	Overall Diameter mm.	Max. Cond. Resistance Ohm/km	Current Rating Amp.
1.00	1/1.13	1.13	0.70	3.00	18.10	10
1.50	1/1.38	1.38	0.70	3.20	12.10	14
1.50	3/0.81	1.75	0.70	3.35	12.10	14
2.50	1/1.80	1.80	0.80	3.60	7.41	19
2.50	3/1.04	2.24	0.80	4.00	7.41	20
4.00	1/2.26	2.26	0.80	4.10	4.61	25
4.00	7/0.85	2.55	0.80	4.40	4.61	26
6.00	7/1.06	3.15	0.80	5.10	3.08	31
10.00	7/1.35	4.05	1.00	6.50	1.83	45
16.00	7/1.70	5.10	1.00	7.50	1.15	58
25.00	7/2.13	6.40	1.20	9.50	0.727	75
35.00	7/2.52	7.55	1.20	11.00	0.524	90

CAPTION PLAIN COPPER CONDUCTOR, PVC INSULATED & SHEATHED MULTI CORE FLEXIBLE CABLE VOLTAGE UP TO 1100V.

Size in sq. mm.	Construction No. / Dia.	Con. Dia. in mm.	Max. DC Resistance Ohm/km at 20 c	Insulation Thickness Nominal mm.	Core DIA. MM.	Sheath Thickness			Overall Diameter			Current Rating Amp.
						2 Core	3 Core	4 Core	2 Core	3 Core	4 Core	
0.50	16/0.20	0.94	39.00	0.60	2.20	0.90	0.90	0.90	6.20	6.60	7.20	4
0.75	24/0.20	1.20	26.00	0.60	2.40	0.90	0.90	0.90	6.80	7.20	7.90	7
1.00	32/0.20	1.34	19.50	0.60	2.60	0.90	0.90	0.90	7.00	7.50	8.10	11
1.50	48/0.20	1.64	13.30	0.60	2.90	0.90	0.90	0.90	7.60	8.10	9.00	14
2.50	80/0.20	2.08	7.98	0.70	3.50	1.00	1.00	1.00	9.00	9.60	10.50	19
4.00	56/0.30	2.61	4.95	0.80	4.30	1.00	1.00	1.00	10.60	11.30	12.40	26
6.00	84/0.30	3.50	3.30	0.80	5.50	1.15	1.15	1.15	12.60	13.40	15.20	31
10.00	140/0.30	4.60	1.91	1.00	6.70	1.40	1.40	1.40	16.00	17.00	18.80	42
16.00	224/0.30	5.90	1.21	1.00	8.40	1.40	1.40	1.40	18.80	20.10	22.20	57
25.00	350/0.30	7.60	0.780	1.20	10.50	2.00	2.00	2.00	24.00	25.60	28.20	71
35.00	490/0.30	8.70	0.554	1.20	11.60	2.00	2.00	2.00	26.30	28.00	31.00	91

CAPTION FLAT CABLE FOR SUBMERSIBLE PUMP MOTOR

Ares (Nom.) Sq. mm.	Number & Size of wires mm.	Thickness (Nom.) mm.	Core Dia (Nom.) mm.	Size (W x T) mm.	Cond. resistance @ 20 C (max.) Ohms/km	Current carrying Capacity @ 40 C Amps
1.50	22/0.30	0.60	3.10	11.5 x 5.4	12.10	15
2.50	36/0.30	0.70	3.70	14.0 x 6.4	7.41	20
4.00	56/0.30	0.80	4.60	16.5 x 7.2	4.61	25
6.00	84/0.30	0.80	5.20	18.0 x 8.0	3.08	32
10.00	140/0.30	1.00	6.50	22.5 x 11.0	1.83	45
16.00	226/0.30	1.00	8.00	26.5 x 11.0	1.15	57



IS : 694



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TESTED & APPROVED BY



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