

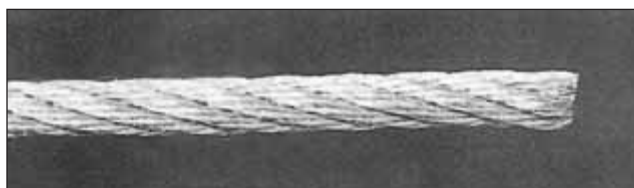
8. COPPER PIGTAILS

PIGTAILS

USE: Earthing of electrical circuits and equipment.

CURRENT RATING: The current carrying capacity given for these pigtails is generally in accordance with AS3008.1 for bare conductors. This rating is based on an ambient air temperature of 40 Deg C, and a maximum conductor temperature of 75 Deg C.

SIZES: The sizes shown are only only representative of the many that Hartland manufacture. Check with our sales staff for your specific requirements.



BARE COPPER PIGTAILS - HPB SERIES

CONDUCTOR: Bare annealed copper wire

NOMINAL AREA SQmm	APPOX. DIA (mm)	WIRE DIA (mm)	STRANDING	NUMBER OF STRANDS	CURRENT (AMPS)	HARTLAND PART
0.9	1.4	0.12	7x11	77	13	HPB009
1.6	1.8	0.07	7x56	392	22	HPB007
3.6	2.8	0.12	7x44	308	45	HPB001
16.6	7.1	0.12	7x7x29	1421	125	HPB002
18.3	7.0	0.12	7x7x32	1568	135	HPB005
21.4	7.3	0.12	7x7x37	1813	155	HPB006
30.3	9.0	0.12	7x7x53	2597	180	HPB008

TINNED COPPER PIGTAILS - HPT SERIES

CONDUCTOR: Tinned annealed copper wire.

NOMINAL AREA SQmm	APPOX. DIA (mm)	WIRE DIA (mm)	STRANDING	NUMBER OF STRANDS	CURRENT (AMPS)	HARTLAND PART
1.3	1.5	0.12	7x16	112	18	HPT001
1.8	2.0	0.12	7x22	154	25	HPT003
3.6	2.5	0.12	7x44	308	45	HPT005
4.2	3.0	0.12	7x51	357	51	HPT006
4.9	3.2	0.12	7x60	420	58	HPT009
6.5	3.8	0.12	7x5x16	560	71	HPT010
7.5	4.2	0.20	7x34	238	77	HPT023
9.7	4.8	0.20	7x44	308	89	HPT015
18.3	6.3	0.20	7x83	581	137	HPT017
51.6	11.7	0.25	7x3x50	1050	240	HPT018
85.5	16.0	0.25	10x4x42	1680	325	HPT019

• NOT ALL SIZES AND COLOURS ARE AVAILABLE EX STOCK, MINIMUM ORDER QUANTITY WILL APPLY FOR SOME ITEMS.

8. COPPER BRAIDS

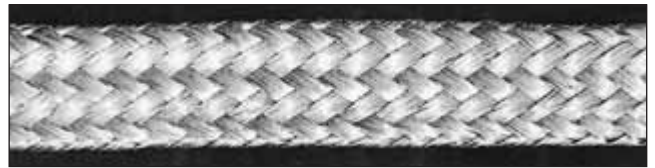
BRAIDS

USE: Earthing of electrical circuits and equipment.

CURRENT RATING: The current carrying capacity given for these braids is generally in accordance with AS3008.1 for bare conductors. This rating is based on an ambient air temperature of 40 Deg C, and a maximum conductor temperature of 75 Deg C.

SIZES: The sizes shown are only only representative of the many that Hartland manufacture. Check with our sales staff for your specific requirements. Multiple concentric braids are used to manufacture larger sizes.

FORM: Braids can be supplied in circular form on request.



BARE COPPER BRAIDS - FLAT HBB SERIES

CONDUCTOR: Bare annealed copper wire

APPROX. WIDTH (mm)	NOMINAL AREA SQmm	WIRE DIA (mm)	STRANDING	NUMBER OF STRANDS	CURRENT (AMPS)	HARTLAND PART
1.60	0.75	0.12	16x4	64	11	HBB003
3.15	1.12	0.12	16x6	96	16	HBB033
4.70	1.40	0.12	24x5	120	20	HBB005
6.30	2.24	0.12	24x8	192	30	HBB026
6.40	2.80	0.12	24x10	240	37	HBB006
7.00	3.36	0.12	24x12	288	43	HBB030
9.50	3.74	0.12	32x10	320	47	HBB007
12.70	5.98	0.12	32x16	512	67	HBB008
16.00	7.40	0.12	32x20	640	78	HBB032
19.00	8.97	0.12	32x24	768	85	HBB010
25.00	17.90	0.12	32x48	1536	118	HBB015
22.20	14.10	0.25	32x9	288	115	HBB018

TINNED COPPER BRAIDS - FLAT HBT SERIES

CONDUCTOR: Tinned annealed copper wire.

APPROX. WIDTH (mm)	NOMINAL AREA SQmm	WIRE DIA (mm)	STRANDING	NUMBER OF STRANDS	CURRENT (AMPS)	HARTLAND PART
1.60	0.75	0.12	16x4	64	11	HBT003
2.00	0.93	0.12	16x5	80	13	HBT005
3.15	1.12	0.12	16x6	96	16	HBT006
4.80	1.68	0.12	24x6	144	25	HBT008
6.30	2.24	0.12	24x8	192	30	HBT009
6.40	2.80	0.12	24x10	240	37	HBT010
9.50	3.74	0.12	32x10	320	47	HBT011
12.70	5.98	0.12	32x16	512	67	HBT012
16.00	7.40	0.12	32x20	640	78	HBT056
19.00	8.97	0.12	32x24	768	85	HBT014
19.00 (DUPLEX)	17.90	0.12	2x32x24	1536	118	HBT018
25.00	17.90	0.12	32x48	1536	126	HBT019
25.00	23.90	0.12	32x64	2048	160	HBT022
32.00	47.80	0.12	32x128	4096	223	HBT023
25.00	22.20	0.25	32x14	448	155	HBT027
25.00	23.60	0.25	32x15	480	165	HBT031
32.00	38.00	0.25	32x24	768	205	HBT028
32.00 (DUPLEX)	75.40	0.25	2x32x24	1536	305	HBT033
33.00 (TRIPLEX)	113.20	0.25	3x32x24	2304	400	HBT034

SPECIAL NOTE:

- DUE TO THE PLIABLE NATURE OF THESE BRAIDS THE DIMENSIONS ARE GIVEN AS A GUIDE ONLY.
- NOT ALL SIZES ARE AVAILABLE EX STOCK, MINIMUM ORDER QUANTITY WILL APPLY FOR SOME ITEMS.