



THE SIAM INDUSTRIAL WIRE CO.,LTD.
PC WIRE - LOW RELAXATION



QMS02092/537

Australia New Zealand
T/O100015

EMS05036/2131

OHS05020/170

STANDARD	GRADE	NOMINAL DIAMETER	DIAMETER TOLERANCE	NOMINAL AREA	NOMINAL WEIGHT	WEIGHT TOLERANCE	MINIMUM BREAKING LOAD	MINIMUM YIELD LOAD			INDENT DEPTH	MINIMUM ELONGATION	MINIMUM REVERSE BEND	STRAIGHTNESS	1,000-HR. RELAXATION (% MAX.)
		mm.	mm.	mm ²	kg./1,000 m.	kg./1,000 m.	kN	kN			mm.	%	Times		INITIAL LOAD (80%)
								0.1%	0.2%	1.0%					
TIS 95 - 1997	1 770	4.00	-	12.60	98.90	+/-2.0	22.30	18.50	-	-	0.05 - 0.20	3.5	4 for plain wire 3 for indented wire	arc height should not exceed 30 mm. over gauge length 1 m.	4.5 (B)
	1 670	4.00	-	12.60	98.90	+/-2.0	21.00	17.50	-	-	0.05 - 0.20	3.5			4.5 (B)
	1 770	5.00	-	19.60	154.00	+/-3.1	34.70	28.80	-	-	0.05 - 0.20	3.5			4.5 (B)
	1 670	5.00	-	19.60	154.00	+/-3.1	32.70	27.20	-	-	0.05 - 0.20	3.5			4.5 (B)
	1 670	7.00	-	38.50	302.00	+/-4.3	64.30	53.40	-	-	0.10 - 0.25	3.5			4.5 (B)
	1 570	7.00	-	38.50	302.00	+/-4.3	60.40	50.10	-	-	0.10 - 0.25	3.5			4.5 (B)
	1 470	9.00	-	63.60	499.00	+/-7.2	93.50	74.80	-	-	0.10 - 0.25	3.5			4.5 (B)
AS/NZS 4672 - 2007	1 770	4.00	-	12.60	98.90	+/-2.0	22.30	18.50	17.90	-	-	3.5	4 for plain wire 3 for indented wire	arc height should not exceed 25 mm. over gauge length 1 m.	3.0 (B)
	1 770	5.00	-	19.60	154.00	+/-3.1	34.70	28.80	29.50	-	-	3.5			3.0 (B)
	1 670	5.00	-	19.60	154.00	+/-3.1	32.70	27.20	27.80	-	-	3.5			3.0 (B)
	1 700	5.03	-	19.90	156.00	+/-3.2	33.80	28.10	28.70	-	-	3.5			3.0 (B)
	1 670	7.00	-	38.50	302.00	+/-4.3	64.30	53.40	54.70	-	-	3.5			3.0 (B)
	1 570	7.00	-	38.50	302.00	+/-4.3	60.40	50.10	51.30	-	-	3.5			3.0 (B)
	1 470	9.00	-	63.60	499.00	+/-7.2	93.50	74.80	76.70	-	-	3.5			3.0 (B)
ASTM A421 - 2005	WA	4.98	+/-0.05	19.48	153.86	-	33.60	-	-	28.54	-	4.0	-	arc height should not exceed 3 inch. over gauge length 60 inch.	3.5 (B)
		6.35	+/-0.05	31.67	248.61	-	52.41	-	-	44.56	-	4.0	-		3.5 (B)
		7.01	+/-0.05	38.59	302.66	-	62.52	-	-	53.14	-	4.0	-		3.5 (B)
	BA	4.98	+/-0.05	19.48	153.86	-	32.24	-	-	27.41	-	4.0	-		3.5 (B)
		6.35	+/-0.05	31.67	248.61	-	52.41	-	-	44.56	-	4.0	-		3.5 (B)
		7.01	+/-0.05	38.59	302.66	-	62.52	-	-	53.14	-	4.0	-		3.5 (B)
BS 5896 - 1980	1 770	4.00	+/-0.04	12.60	98.90	+/-2.0	22.30	18.50	-	19.00	0.07 - 0.17	3.5	4 for plain wire 3 for indented wire	arc height should not exceed 30 mm. over gauge length 1 m.	4.5 (B)
	1 670	4.00	+/-0.04	12.60	98.90	+/-2.0	21.00	17.50	-	17.90	0.07 - 0.17	3.5			4.5 (B)
	1 620	4.50	+/-0.05	15.90	125.00	+/-2.7	25.80	21.40	-	21.90	0.07 - 0.17	3.5			4.5 (B)
	1 770	5.00	+/-0.05	19.60	154.00	+/-3.1	34.70	28.80	-	29.50	0.07 - 0.17	3.5			4.5 (B)
	1 670	5.00	+/-0.05	19.60	154.00	+/-3.1	32.70	27.20	-	21.80	0.07 - 0.17	3.5			4.5 (B)
	1 770	6.00	+/-0.05	28.30	222.00	+/-3.7	50.10	41.60	-	42.60	0.10 - 0.20	3.5			4.5 (B)
	1 670	6.00	+/-0.05	28.30	222.00	+/-3.7	47.30	39.30	-	40.20	0.10 - 0.20	3.5			4.5 (B)
	1 670	7.00	+/-0.05	38.50	302.00	+/-4.3	64.30	53.40	-	54.70	0.10 - 0.20	3.5			4.5 (B)
	1 570	7.00	+/-0.05	38.50	302.00	+/-4.3	60.40	50.10	-	51.30	0.10 - 0.20	3.5			4.5 (B)
prEN 10138 - 2004	Y1860C	4.00	-	12.60	98.40	+/-2.0	23.40	20.80	-	-	0.06 - 0.13	3.5	4 for plain wire 3 for indented wire	arc height should not exceed 25 mm. over gauge length 1 m.	4.5 (A)
	Y1770C	4.00	-	12.60	98.40	+/-2.0	22.30	19.60	-	-	0.06 - 0.13	3.5			4.5 (A)
	Y1770C	5.00	-	19.60	153.10	+/-3.1	34.70	30.50	-	-	0.06 - 0.13	3.5			4.5 (A)
	Y1670C	5.00	-	19.60	153.10	+/-3.1	32.70	28.80	-	-	0.06 - 0.13	3.5			4.5 (A)
	Y1770C	6.00	-	28.30	221.00	+/-4.4	50.10	44.10	-	-	0.09 - 0.16	3.5			4.5 (A)
	Y1670C	6.00	-	28.30	221.00	+/-4.4	47.30	41.60	-	-	0.09 - 0.16	3.5			4.5 (A)
	Y1670C	7.00	-	38.50	300.70	+/-6.0	64.30	56.60	-	-	0.09 - 0.16	3.5			4.5 (A)
	Y1570C	7.00	-	38.50	300.70	+/-6.0	60.40	53.20	-	-	0.09 - 0.16	3.5			4.5 (A)
JIS G 3536 -1999	SWPD1L (indent)	4.00	+/-0.04	12.57	98.70	-	21.10	-	18.60	-	-	3.5	-	-	INITIAL LOAD (70%)
		5.00	+/-0.05	19.64	154.00	-	31.90	-	27.90	-	-	4.0	-	-	2.5 (B)
	SWPR1AL (plain)	6.00	+/-0.05	28.27	222.00	-	44.10	-	38.70	-	-	4.0	-	-	2.5 (B)
		7.00	+/-0.05	38.48	302.00	-	58.30	-	51.00	-	-	4.5	-	-	2.5 (B)
		8.00	+/-0.06	50.27	395.00	-	74.00	-	64.20	-	-	4.5	-	-	2.5 (B)
		9.00	+/-0.06	63.62	499.00	-	90.20	-	78.00	-	-	4.5	-	-	2.5 (B)

(A) = PERCENTAGE OF ACTUAL BREAKING LOAD

(B) = PERCENTAGE OF MINIMUM BREAKING LOAD