

## Specification

### Zinc-coated low carbon steel wire

Brand name	Symbol of wire type (JIS)	Coverage (mm)	Wire Dia. (mm)	Wire Dia. Tolerance (mm)	Tensile Strength (N/mm <sup>2</sup> )	Elongation (%)	Torsion Characteristic (No.of times)	Coating Mass (g/m <sup>2</sup> )
Zinc-coated steel wire(S)	SWMGS-3	2.00 ~ 10.00	2.60	±0.07	290	10 ≦	39 ≦	120 ≦
			3.20				30 ≦	135 ≦
			4.00	±0.08	540		24 ≦	155 ≦
			5.00				20 ≦	
			6.00	±0.12	15 ≦			
	SWMGS-4	1.60 ~ 10.00	2.60	±0.07	290	10 ≦	33 ≦	185 ≦
			3.20				26 ≦	230 ≦
			4.00	±0.08	540		21 ≦	245 ≦
			5.00				17 ≦	
			6.00	±0.12	13 ≦			
	SWMGS-5	1.60 ~ 10.00	2.60	±0.07	290	10 ≦	33 ≦	230 ≦
			3.20				26 ≦	270 ≦
			4.00	±0.08	540		21 ≦	290 ≦
			5.00				17 ≦	
			6.00	±0.12	13 ≦			
	SWMGS-6	1.60 ~ 10.00	2.60	±0.09	290	10 ≦	33 ≦	300 ≦
			3.20				26 ≦	
			4.00	±0.10	540		21 ≦	
			5.00				17 ≦	
			6.00	±0.12	13 ≦			
SWMGS-7	1.60 ~ 10.00	2.60	±0.09	290	10 ≦	33 ≦	400 ≦	
		3.20				26 ≦		
		4.00	±0.10	540		21 ≦		
		5.00				17 ≦		
		6.00	±0.12	13 ≦				
Zinc-coated steel wire(H)	SWMGH-2	2.00 ~ 8.00	2.60	±0.06	590~880	-	-	25 ≦
			3.20		540~830			30 ≦
			4.00	±0.07	390~780			35 ≦
			5.00					45 ≦
			6.00	±0.08	50 ≦			
	SWMGH-3	2.00 ~ 10.00	2.60	±0.06	590~880	-	-	120 ≦
			3.20		540~830			135 ≦
			4.00	±0.07	390~780			155 ≦
			5.00					±0.08
			6.00	±0.08				
	SWMGH-4	1.60 ~ 10.00	2.60	±0.06	590~880	-	-	185 ≦
			3.20		540~830			230 ≦
4.00			±0.07	390~780	245 ≦			
5.00					±0.08			
6.00			±0.08					
Heavy-coated steel wire(S)	-	2.00 ~ 8.00	2.60	±0.08	290	10 ≦	33 ≦	600 ≦
			3.20				26 ≦	
			4.00	±0.10	540		21 ≦	

### SUN AZ WIRE

SUN AZ WIRE (S)	AZA-30	2.60 ~ 10.00	2.60	±0.09	290 ≦	10 ≦	33 ≦	300 ≦
			3.20				26 ≦	
			4.00	±0.10			21 ≦	
			5.00				17 ≦	
			6.00	±0.12			13 ≦	
AZA-50	2.60 ~ 6.00	3.20	±0.09	540 ≦	-	-	26 ≦	500 ≦
		4.00					±0.10	
		5.00	±0.12					
SUN AZ WIRE (H)	AZA-30H	2.60 ~ 9.00	3.20	±0.09	540 ≦	-	-	300 ≦
			4.00					
			5.00	±0.12				

### SUN AZ STEEL WIRE

SUN AZ HIGH CARBON WIRE	AZA-N30	2.00 ~ 9.00	6.00	±0.12	690 ≦	10 ≦	-	300 ≦
			8.00	±0.12				

**NEW SUNCOLOR WIRE (Standard Product)**
**NETIS Registration NO. KK-050092**

Symbol of wire type	Wire Dia. (mm)	Wire Dia. Tolerance (mm)	Tensile Strength (N/mm <sup>2</sup> )	Winding (Number of winding:6)	Salt Spraying (200hrs)	Pencil Hardness Test (Hardness H)	Company Standard			
							Elongation (%)	Torsion Characteristic (No.of times)	Zinc Coating Mass (g/m <sup>2</sup> )	Coating Thickness (μm)
SWMCGS-3 G3(S)	2.60	±0.07	290 ~ 590	No cracking or peeling occurs when wound around a 2D(Dia.) cylinder.	No material abnormality is observed.	No scratch shall be produced on the coating.	10 or over	39	120 or over	26 or over
	3.20							30	135 or over	
	4.00	±0.08	24					155 or over		
	5.00		20							
SWMCGS-7 G7(S)	2.60	±0.09	290 ~ 590	No cracking or peeling occurs when wound around a 4D(Dia.) cylinder.	No material abnormality is observed.	No scratch shall be produced on the coating.	10 or over	33	400 or over	26 or over
	3.20							26		
	4.00	±0.10	21							
	5.00		17							

**NEW SUNCOLOR WIRE (Zinc-Aluminium alloy coating)**
**NETIS Registration NO. KK-050093**

Symbol of wire type	Wire Dia. (mm)	Wire Dia. Tolerance (mm)	Tensile Strength (N/mm <sup>2</sup> )	Winding (Number of winding:6)	Salt Spraying (200hrs)	Pencil Hardness Test (Hardness H)	Company Standard				
							Elongation (%)	Torsion Characteristic (No.of times)	Zinc Coating Mass (g/m <sup>2</sup> )	Zinc Coating Mass (Al%)	Coating Thickness (μm)
CAZA-30	2.60	±0.09	290 ~ 590	No cracking or peeling occurs when wound around a 2D(Dia.) cylinder.	No material abnormality is observed.	No scratch shall be produced on the coating.	10 or over	39	300 or over	10 or over	26 or over
	3.20							30			
	4.00	±0.10	24								
	5.00		20								

※Please consult about a standard and a color other than the above.