

**ENDÜSTRİYEL & YAYLIK ÇELİK TELLER
NORM**
**INDUSTRIAL & SPRING STEEL WIRES
TS EN 10270-1, SUPPLIER SPECIFICATIONS**

Diğer talepleriniz için lütfen bizimle iletişime geçin.

Please contact us for other request

YAYLIK ÇELİK TEL		SPRING STEEL WIRE	
Malzeme	Yüksek Karbonlu Çelik Tel	Material	High Carbon Steel Wire
Kaplama	Fosfat - Galvaniz	Coating	Phosphate - Galvanized
Çap	0,30 mm - 12,00 mm	Diameter	0,30 mm - 12,00 mm
Kaplama Kalınlığı (Galv.)	150 - 400 g/m ²	Coating Thickness (Galv.)	150 - 400 g/m ²
Çekma Dayanımı	TS EN 10270	Tensile Strength	TS EN 10270
Kangal Ağırlığı	80 kg - 1.500 kg	Coil Weight	80 kg - 1.500 kg
Ambalaj / Paketleme	Z2, Z3, Z4, Z5, Kangal, Makara	Packaging	Z2, Z3, Z4, Z5, Coil, Spool
Kullanım Alanları	ENDÜSTRİYEL YAY ÜRETİMİ OTOMOTİV, BEYAZ EŞYA....	Areas of Use	INDUSTRIEL SPRING PRODUCTION AUTOMOTIVE, WHITEGOODS...

PATENTLİ ÇELİK TEL		PATENTLİ ÇELİK TEL	
Malzeme	Yüksek Karbonlu Çelik Tel	Material	High Carbon Steel Wire
Kaplama	Fosfat - Galvaniz	Coating	Phosphate - Galvanized
Çap	1,60 mm - 9,00 mm	Diameter	1,60 mm - 9,00 mm
Kaplama Kalınlığı (Galv.)	150 - 400 g/m ²	Coating Thickness (Galv.)	150 - 400 g/m ²
Çekma Dayanımı	900-1300 N/mm ²	Tensile Strength	900-1300 N/mm ²
Kangal Ağırlığı	500 kg - 1.000 kg	Coil Weight	500 kg - 1.000 kg
Ambalaj / Paketleme	Rozet Sarım	Packaging	Rosette Coil
Kullanım Alanları	Çelik Tel Üretimi Çelik Halat Üretimi	Areas of Use	Steel Wire Production Steel Wire Rope Production



ENDÜSTRİYEL & YAYLIK ÇELİK TELLER / INDUSTRIAL & SPRING STEEL WIRES
UYGULAMA ALANLARI

ENDÜSTRİYEL YAY ÜRETİMİ
OTOMOTİV
BEYAZ EŞYA
ENDÜSTRİYEL TARIM
ENDÜSTRİYEL SANAYİ
MOBİLYA, TEKSTİL

APPLICATIONS

INDUSTRIEL SPRING PRODUCTION
AUTOMOTIVE
WHITE GOODS
INDUSTRIEL AGRICULTURE
INDUSTRIEL INDUSTRY
FURNITURE, TEXTILE

NORM TS EN 10270-1, SUPPLIER SPECIFICATIONS
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Çap Dia (mm)	Çap Toleransı Dia Tolerance	Kaplama Coating	TS EN 10270-1 Tensile				Paketleme Şekli ve Ağırlıkları Packing Type and Weights				
			SL MPA	SM MPA	SH MPA	DH MPA	Coil KG	Z2 KG	Z3 KG	Z4 KG	Z5 KG
0.30	± 0.008	Phosphated Galvanized		2370 - 2650	2660 - 2940	2660 - 2940	BOBİN				
0.40	± 0.008	Phosphated Galvanized		2270 - 2550	2560 - 2830	2560 - 2830	BOBİN				
0.50	± 0.008	Phosphated Galvanized		2200 - 2470	2480 - 2740	2480 - 2740	BOBİN				
0.60	± 0.008	Phosphated Galvanized		2140 - 2400	2410 - 2670	2410 - 2670	BOBİN				
0.70	± 0.01	Phosphated Galvanized		2090 - 2350	2360 - 2610	2360 - 2610	BOBİN				
0.80	± 0.015	Phosphated Galvanized		2050 - 2300	2310 - 2560	2310 - 2560	80-100	200-400			
0.90	± 0.015	Phosphated Galvanized		2010 - 2260	2270 - 2510	2270 - 2510	80-100	200-400			
1.00	± 0.015	Phosphated Galvanized	1720 - 1970	1980 - 2220	2230 - 2470	2230 - 2470	80-100	200-400			
1.20	± 0.02	Phosphated Galvanized	1670 - 1910	1920 - 2160	2170 - 2400	2170 - 2400	100-200	200-400			
1.40	± 0.02	Phosphated Galvanized	1620 - 1860	1870 - 2100	2110 - 2340	2110 - 2340	100-200	200-400			
1.60	± 0.02	Phosphated Galvanized	1590 - 1820	1830 - 2050	2060 - 2290	2060 - 2290	100-200	200-400			
1.80	± 0.025	Phosphated Galvanized	1550 - 1780	1790 - 2010	2020 - 2240	2020 - 2240	100-200	200-400	500-750		
2.00	± 0.025	Phosphated Galvanized	1520 - 1750	1760 - 1970	1980 - 2200	1980 - 2200	100-200	200-400	500-750	750-1000	
2.20	± 0.025	Phosphated Galvanized	1490 - 1710	1720 - 1930	1940 - 2150	1940 - 2150	100-200	200-400	500-750	750-1000	
2.40	± 0.025	Phosphated Galvanized	1470 - 1690	1700 - 1910	1920 - 2130	1920 - 2130	100-200	200-400	500-750	750-1000	
2.60	± 0.025	Phosphated Galvanized	1450 - 1660	1670 - 1880	1890 - 2100	1890 - 2100	100-200	200-400	500-750	750-1000	
2.80	± 0.03	Phosphated Galvanized	1420 - 1640	1650 - 1850	1860 - 2070	1860 - 2070	100-200	200-400	500-750	750-1000	
3.00	± 0.03	Phosphated Galvanized	1410 - 1620	1630 - 1830	1840 - 2040	1840 - 2040	150-250	200-400	500-750	750-1000	
3.20	± 0.03	Phosphated Galvanized	1390 - 1600	1610 - 1810	1820 - 2020	1820 - 2020	150-250		500-750	750-1000	
3.40	± 0.03	Phosphated Galvanized	1370 - 1580	1590 - 1780	1790 - 1990	1790 - 1990	150-250		500-750	750-1000	
3.60	± 0.03	Phosphated Galvanized	1350 - 1560	1570 - 1760	1770 - 1970	1770 - 1970	150-250		500-750	750-1000	
3.80	± 0.03	Phosphated Galvanized	1340 - 1540	1550 - 1740	1750 - 1950	1750 - 1950	150-250		500-750	750-1000	

Çap Dia (mm)	Çap Toleransı Dia Tolerance	Kaplama Coating	TS EN 10270-1 Tensile				Paketleme Şekli ve Ağırlıkları Packing Type and Weights			
			SL MPA	SM MPA	SH MPA	DH MPA	Coil KG	Z2 KG	Z3 KG	Z4 KG
4.00	± 0.03	Phosphated Galvanized	1320 - 1520	1530 - 1730	1740 - 1930	1740 - 1930	150-250	500-750	750-1000	1250-1500
4.20	± 0.035	Phosphated Galvanized	1310 - 1500	1510 - 1700	1710 - 1900	1710 - 1900	150-250	500-750	750-1000	1250-1500
4.40	± 0.035	Phosphated Galvanized	1290 - 1490	1500 - 1680	1690 - 1880	1690 - 1880	150-250	500-750	750-1000	1250-1500
4.60	± 0.035	Phosphated Galvanized	1270 - 1470	1480 - 1670	1680 - 1860	1680 - 1860	150-250	500-750	750-1000	1250-1500
4.80	± 0.035	Phosphated Galvanized	1260 - 1450	1460 - 1650	1660 - 1840	1660 - 1840	150-250	500-750	750-1000	1250-1500
5.00	± 0.035	Phosphated Galvanized	1260 - 1450	1460 - 1650	1660 - 1840	1660 - 1840	250-450	500-750	750-1000	1250-1500
5.50	± 0.04	Phosphated	1230 - 1420	1430 - 1610	1620 - 1800	1620 - 1800	250-450	750-1000	1250-1500	
6.00	± 0.04	Phosphated	1210 - 1390	1400 - 1580	1590 - 1770	1590 - 1770	250-450	750-1000	1250-1500	
6.50	± 0.04	Phosphated	1180 - 1370	1380 - 1550	1560 - 1740	1560 - 1740	250-450	750-1000	1250-1500	
7.00	± 0.04	Phosphated	1160 - 1340	1350 - 1530	1540 - 1710	1540 - 1710	250-450	750-1000	1250-1500	
7.50	± 0.045	Phosphated	1140 - 1320	1330 - 1500	1510-1680	1510-1680	250-450	750-1000	1250-1500	
8.00	± 0.045	Phosphated	1120 - 1300	1310 - 1480	1490 - 1660	1490 - 1660	250-450	750-1000	1250-1500	
8.50	± 0.045	Phosphated	1090 - 1260	1270 - 1440	1450 - 1610	1450 - 1610	250-450	750-1000	1250-1500	
9.00	± 0.045	Phosphated	1090 - 1260	1270 - 1440	1450 - 1610	1450 - 1610	250-450	750-1000	1250-1500	
9.50	± 0.05	Phosphated	1070 - 1250	1260 - 1420	1430 - 1590	1430 - 1590	250-450	750-1000	1250-1500	
10.00	± 0.05	Phosphated	1060 - 1230	1240 - 1400	1410 - 1570	1410 - 1570	250-450	750-1000	1250-1500	
10.50	± 0.07	Phosphated	1050 - 1210	1220 - 1380	1390 - 1550	1390 - 1550	250-450	750-1000	1250-1500	
11.00	± 0.07	Phosphated	1040 - 1190	1210 - 1370	1380 - 1530	1380 - 1530	250-450	750-1000	1250-1500	
11.50	± 0.08	Phosphated	1030 - 1170	1180 - 1340	1350 - 1500	1350 - 1500	250-450	750-1000	1250-1500	
12.00	± 0.08	Phosphated	1030 - 1170	1180 - 1340	1350 - 1500	1350 - 1500	250-450	750-1000	1250-1500	
12.50	± 0.08	Phosphated	1020 - 1150	1170 - 1320	1330 - 1480	1330 - 1480	250-450	750-1000	1250-1500	
13.00	± 0.08	Phosphated	1010 - 1130	1160 - 1310	1320 - 1470	1320 - 1470	250-450	750-1000	1250-1500	

Paketleme / Packing

Ürün kodu Product code	Yükseklik Height (mm)	İç Çap Inner Dia (mm)	Dış Çap Outer Dia (mm)
Z2	280 ± 2	355 ± 0,5	375 ± 0,75
Z3	350 ± 2	505 ± 0,5	520 ± 0,75
Z4	600 - 0 + 2	505 ± 0,5	520 ± 0,75
Z5	650 ± 2	755 ± 0,5	774 ± 0,75

Kangal Coil	Yükseklik Height (mm)	İç Çap Inner Dia (mm)	Dış Çap Outer Dia (mm)
80-100 KG	100-150	470	700
100-200 KG	150-200	470	700
150-250 KG	150-200	470	700
250-450 KG	300-350	1200	1400