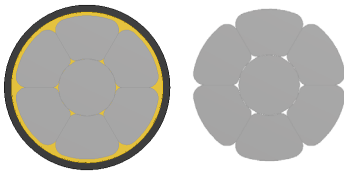


DATASHEET



COMPLIANT PRODUCT

The characteristics of Bekaert's high strength, low relaxation 7 wire PC strand comply with the DS & prEN standard. All wire strands can be coated with Zinc, Bezinal® or Bezinal® 3000. Higher tensile strengths are available upon request.

Technical specifications

Steel designation		Nominal ^a				Specified			
Steel name	Steel number	Diameter ^b d mm	Tensile strength Rm MPa	Cross-sectional area ^c Sn mm ²	Mass per meter ^c M g/m	Mass tolerance per meter %	Minimum breaking strength Fm kN	Maximum breaking strength Fm, max kN	Yield strength at 0.1 % elongation Fp0.1 kN
Y1700S7G	1.1370	18,0	1 700	223,0	1742,0	± 2	379,0	436,0	334,0
Y1820S7G	1.1371	15,2	1 820	165,0	1289,0	± 2	300,0	345,0	264,0
Y1860S7G	1.1372	12,7	1 860	112,0	874,7	± 2	208,0	239,0	183,0
		15,2		165,0	1289,0		307,0	353,0	270,0

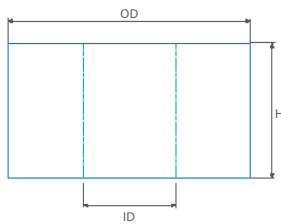
^a The modulus of elasticity (E) may be taken to be 195 GPa (kN/mm²).

^b The nominal mass per metre is calculated from the nominal cross-sectional area and a density of 7,81 kg/dm³.

^c Please note that for grades Y1670S7, Y1700S7G, Y1770S7, Y1820S7G, Y1860S7 and Y1860S7G, the minimum load at 1% extension force applies to 88% of the grades. For grades Y1960S7, Y2060S7 and Y2160S7 89% applies.

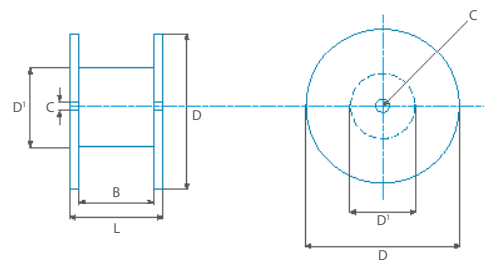
Pack specifications

Customized packing dimensions available upon request.



Coil dimensions

ID	750 mm	900 mm	900 mm
OD	1650 mm (max.)		
H	750 mm	610 mm	750 mm
Weight	4500 kg (max.)		



Drum dimensions

D	1600 mm
D¹	710 mm
C	105 mm
B	800 mm
L	1020 mm
Weight	3500 kg (max.)

Quality



ISO
14001:2015
certified

ISO
9001:2015
certified

Contact us

More
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