



Chunpeng Unbonded PC Strand



Unbonded PC strand, also named as PE coated steel strand, is coated with corrosion-resistance lubricating grease and Polyethylene sheathing(HDPE). So it has the characteristics of no need of room for future expansion and grout, convenient use, material saved and bended easy. Covered the standards: ASTM A416, BS5896, JISG3536, ISO6934, EN10138, GB/T5224 or according to customers' requirements.



Techinal Date of PE Coted PC Strand



Specification	Tensile Strength (Mpa)	Section Area (mm ²)	Grease mass per meter (g/m)	Minimum thickness of coat (mm)	Friction factor (μ)	Effect modulus (k)	Mass per meter (kg/m)
1X7 - Φ12.70	1720	98.7	43	1.0	0.04 ~ 0.1	0.003 ~ 0.004	0.875
	1860						
	1960						
1X7 - Φ15.20	1570	140.0	50				1.0
	1670						
	1770						
	1860						
1960							
1X7 - Φ15.24	1860	140.0	50				
1X7 - Φ15.70	1860	150.0	53				1.30

The Application of Unbonded PC Strand



Unbonded PC Steel Strand is mainly used for prestressing steel structures, such as large-span bridges on railway or highway, large bays cast-in-place concrete floor.

