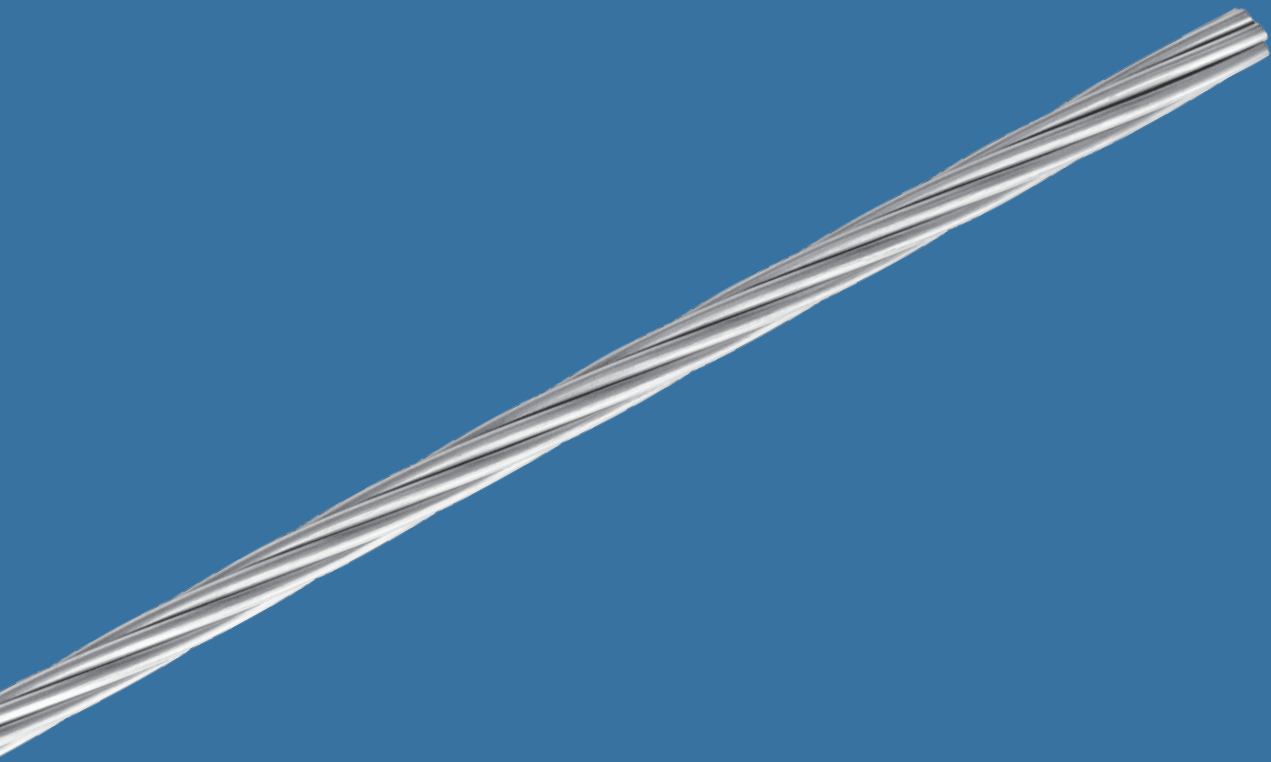


1860MPa STAINLESS STEEL STRAND

不锈钢钢绞线

高强度 | 低松弛 | > 1860MPa



FUSTEEL X

Fusteel stainless steel strand is the world first 1860MPa strand made of duplex stainless steel with high tensile strength, low relaxation, high stress amplitude, super corrosion resistance and fatigue resistance properties. Widely used for cable supported bridges, tunnels, coal mines and all cable needed application scenarios facing corrosive challenges particularly for marine environment.

富佰新材料研发的不锈钢钢绞线是世界上首款1860MPa双相不锈钢钢绞线，具有高抗拉强度、低松弛、高应力幅、超强耐腐蚀和耐疲劳等特点。可广泛应用于斜拉桥、隧道、煤矿以及所有需要钢缆的应用场景，尤其适用于面临极端耐蚀挑战的海洋环境。

材质牌号 Steel material	EN: 1.4462、1.4362 UNS: S32205、S32304
执行标准 Standard	ASTM A1114/A1114M-20
常规直径 Diameter	15.7mm、15.2mm

MECHANICAL PROPERTIES OF FUSTEEL X[®] 1X7 DUPLEX STAINLESS STEEL STRAND

股线结构 Strand Structure	公称直径 Nominal Diameter (Dn/mm)	耐点蚀当量 PREn	抗拉强度 Tensile Strength Grade (Rm/MPa)	最大 总伸长率 Maximal Total Elongation (L0 ≥ 500mm Agt/% ≥)	应力松弛 Stress Relaxation Property (1000h r/% ≤)	300MPa 应力幅 疲劳 循环次数 Fatigue Life Cycle	应力腐蚀 Stress Corrosion
1 x 7	15.7/15.2 (+0.4, -0.15)	≥ 27	1655 1860 1960	1.6	2.5	> 8 x 10 ⁶	> 76h