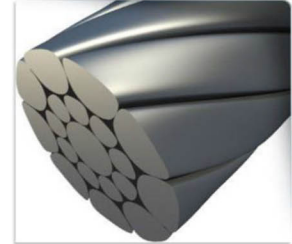


## X-Wires / SUPER-7 Alloy

### SPECIAL ALLOYED BRAIDED LINE ROPE FOR WIRELINE OPERATION



#### Chemical composition of stainless steel

##### SUPER-7

Grade	C	Si	Mn	p	S	Cr	Mo	Ni	N	Cu	Ti	PREN*
SUPER-7	0.014	0.28	1.79	0.02	0.001	20.9	6.3	24.3	0.182	0.59	-	47

\* PREN: Pitting Resistance Equivalent Number ( $PREN = \%Cr + (3.3 \times \%Mo) + (30 \times \%N)$ )

#### COMPARISON OF CHARACTERISTICS OF GRADE IN DIFFERENT CORROSIVE MEDIA

##### SUPER-7

##### Hydrogen sulfide, carbon dioxide

Excellent corrosion resistance in every concentration

##### Chloride, Seawater, Salty Solution, Etc.

Excellent resistance to stress corrosion cracking and pitting corrosion under stress all concentration  
H<sub>2</sub>S+CO<sub>2</sub>

##### Chloride, Hydrogen sulfide, Carbon dioxide

Very good resistance corrosion cracking and inter-granular corrosion (IGC). temperature up to 150°C

#### COMPARISON OF THE CHARACTERISTIC OF GRADES IN DIFFERENT CORROSIVE MEDIA

Rope diameter (Inch)	Weight (LB/1000ft)	ECO-3 (LBF)	SUPER-7 (LBF)
3.16"	8600	4900	4980
7.32"	11153	6450	6550
1.4"	14781	8630	8600
5.16"	19753	11550	13400