



X-WIRES / XTREME7 ALLOYED

SPECIAL ALLOYED BRAIDED LINE ROPE FOR WIRELINE OPERATION



CHEMICAL COMPOSITION OF STAINLESS STEEL												
XTREME7												
Grade	C	Si	Mn	p	S	Cr	Mo	Ni	N	Cu	Ti	PREN*
XTREME7	0.014	0.28	0.79	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	
XTREME7	
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 ₂ S+CO ₂	
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. /1000 ft)	Eco3 (lbf.)	XTREME7 (lbf.)
3.16"	8600	4900	4980
7.32"	11153	6450	6550
1.4"	14781	8630	8600
5.16"	19753	11550	13400