



- 1) What is the pressure of the well? This drives the wall thickness of the armour.

.028 Wall 316 = 17,500 PSI	.028 Wall 825 = 20,000 PSI
.035 Wall 316 = 25,000 PSI	.035 Wall 825 = 27,500 PSI
.049 Wall 316 = 32,500 PSI	.049 Wall 825 = 35,000 PSI
- 2) How corrosive is the well? Is CO₂, H₂S, or any Chlorides present?
 SS 316 = Standard Service
 Incoloy 825 = Corrosive Environment
- 3) Do you require any further protection from vibration (ESP's), pinching, or security during installation?
 Polypropylene = Standard
 Santoprene = Ease of use, higher cost
 Rislan (Nylon) = Protection against chemical breakdown (diesel)

0.25" OD Armour		Encapsulation		Max Temperature	Conductor	Part No.
Max Pressure	Material	Size	Material			
20,000 PSI	SS 316	NONE		100°C	18 AWG Stranded	102234
20,000 PSI	SS 316	NONE		150°C	18 AWG Stranded	102242
27,000 PSI	SS 316	NONE		150°C	18 AWG Stranded	102244
36,000 PSI	SS 316	NONE		150°C	18 AWG Stranded	102239
20,000 PSI	SS 316	11mm X 11mm	Santoprene	150°C	18 AWG Stranded	103389
27,000 PSI	SS 316	11mm X 11mm	Polypropylene	150°C	18 AWG Stranded	103434
20,000 PSI	Incoloy 825	NONE		150°C	18 AWG Stranded	102246
27,000 PSI	Incoloy 825	NONE		150°C	18 AWG Stranded	102247
39,000 PSI	Incoloy 825	NONE		150°C	18 AWG Stranded	102248
27,000 PSI	Incoloy 825	11mm X 11mm	Polypropylene	150°C	18 AWG Stranded	103436

ENCAPSULATION ONLY			
Size	Material	Max Temp	Part No.
11mm X 11mm	Polypropylene	150°C	102093
	Santoprene		102249
	Nylon (Rislan)	135°C	102250