

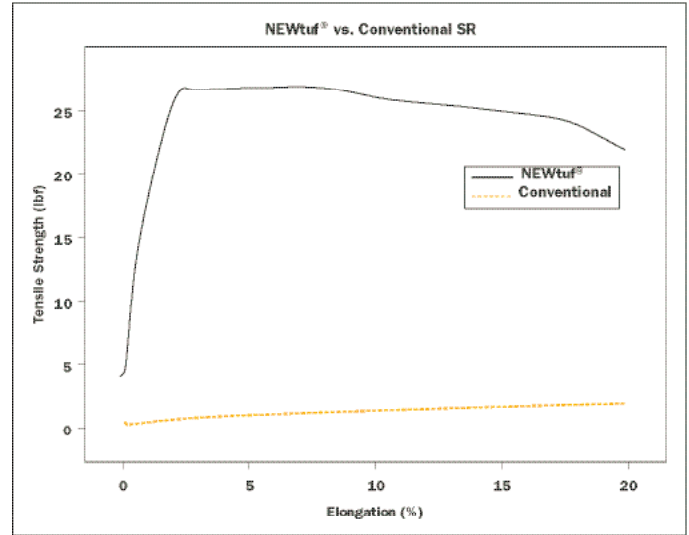
NEWtuf® REINFORCED JACKETS

TECHNICAL INFORMATION

Silicone rubber is preferred over other jacketing materials due to its high flexibility, performance at high temperatures and ease of sterilization. Certain medical applications require that cable jackets be cleaned by wiping the surface with solvents. Conventional silicone rubber jackets may become stretched and distorted during the cleaning process. Furthermore it is desirable to limit the elongation of the jacket in some silicone rubber jacketed cable assemblies when equipped with molded connectors.

With a peak strength three times that of conventional silicone rubber, NEWtuf® reinforced jackets withstand axial forces without reducing flexibility. Although tougher than conventional silicone rubber, the jacket can still be easily stripped with standard equipment.

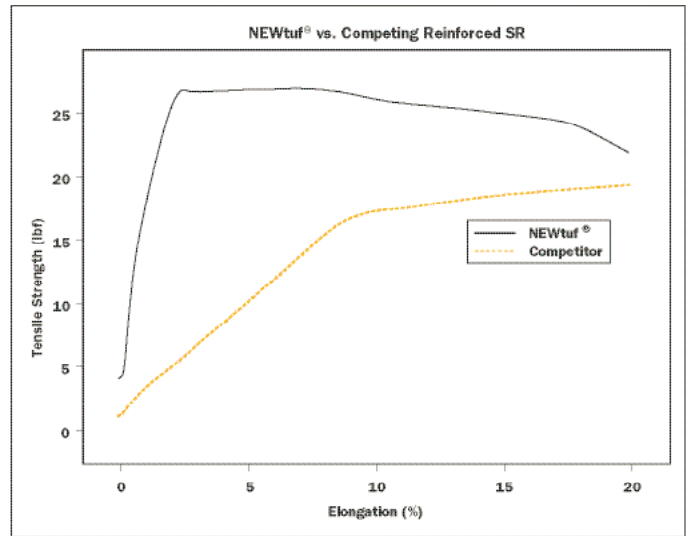
150°C/300V UL AWM Stles are available for medical instrument interconnecting cable applications.



When a force is applied, NEWtuf® exhibits very little elongation unlike conventional silicone rubber jackets.

PRODUCT ADVANTAGES

- * High Tensile Strength
- * Low Elongation
- * Autoclavable
- * High Flexibility
- * Excellent High-Temperature Integrity



A comparison of the performance of NEWtuf® vs. competing reinforced jackets proves NEWtuf® to be superior.

Material Properties

Property	Conventional	NEWtuf®	Competitor
Elongation 5 lbf	86%	0.03%	2.0%
Elongation 20 lbf	490%	1.0%	20%

