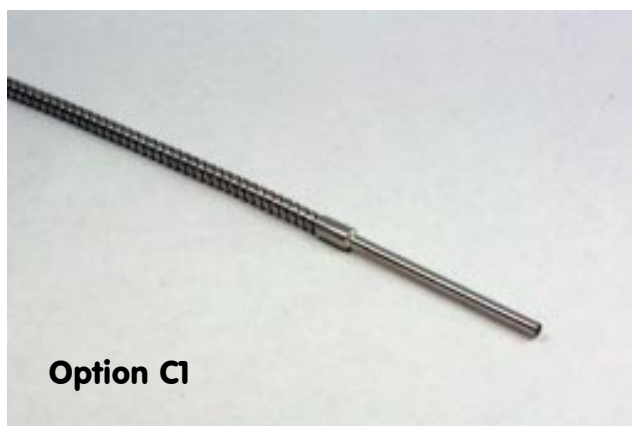




SHEATHING OPTIONS FOR FIBEROPTIC CABLES

The standard sensor package provides a fiber optic cable sheathed with an outer covering of PVC over a stainless steel monocoil, which is an excellent combination for general purpose usage.

Alternative cable sheathings are available for special applications. Option C1, which is the most popular non-standard sheathing, provides an interlocking stainless steel hose sheathing which offers the highest temperature capability and maximum crush resistance with good flexibility. It is also the sheathing of choice for high vacuum applications.

CODE	MATERIALS	TEMP RANGE	FEATURES
NONE	PVC Over Steel Monocoil	+10 to +107°C	Moderate Crush Resistance, Good Flexibility
C1	Interlocking Stainless Steel	-150 to +425°C	Maximum Strength & Temperature Range, Good Flexibility
C2	Silicone Rubber	-62 to +232°C	Maximum Flexibility, No Crush Resistance, No Tensile Strength
C3	Silicone Over Teflon Spiral Wrap	-62 to +232°C	Non-Metallic With Light Crush Resistance, 2 Meter Length Max.
C4	Silicone Over Steel Monocoil	-62 to +232°C	Wide Temperature Range, Moderate Crush Resistance, Good Flexibility
C5	Teflon Covered SS Interlok	-150 to +260°C	Provides Vapor Barrier Protection, Max. Strength, Poor Flexibility
C6	Low Temp PVC Heat Shrink Over Nylon Spiral Wrap	+10 to +100°C	Non-Metallic With Light Crush Resistance, Available in Long Lengths