

Test Result

Property	Unit	Test Method	Test Value
Shrinking properties			
Longitudinal Changes	%	ASTM D 2671	0% to -10%
Physical properties (Jacket layer)			
Tensile strength	MPa	ASTM D 2671	Min. 14MPa
Elongation at Break	%	ASTM D 2671	Min 600 %
After aging at 150°C /168 hrs			
Ultimate Elongation	%	ASTM D 2671	Min. 400%
Low temperature flexibility(-55°C 4hrs)		ASTM D 2671	No cracking
Electrical properties (Jacket layer)			
Dielectric strength	kV/mm	IEC 243	Min 20
Volume resistance	Ω.cm	IEC 93	10 ¹⁴
Dielectric Voltage Withstand (2500V 1min 60Hz)		UL 486D	No breakdown
Chemical properties (Jacket layer)			
Water absorption	%	ASTM D 570	Max 0.1
Copper corrosion		ASTM D 2671	No corrosion
Fluid resistance		MIL-DTL-23053	Good
Fungus resistance		ASTM G21	No growth
Properties of adhesive			
Peel strength to PE	Pli	ASTM D 1000	40Pli
Softening point	°C	ASTM E 28	90±5
Adhesive Blocking(30°C)		ASTM D 1146	No blocking
Water penetration		STM 706	No penetration after 236hrs of continuous immersion