



**CCI PIPELINE SYSTEMS**  
Specifications & Certificates of Compliance:  
CCI Model CSC Casing Spacers  
Thermoplastic Powder Coating

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The CCI Model CSC casing spacers are coated with a high flow, functionalized polyethylene copolymer-based thermoplastic powder coating designed for low temperature application on heat sensitive materials such as thin metal substrates and electrical components. It wets and flows quickly allowing minimal heat history to ensure base metal strength is not compromised. Typical thickness applied to casing spacers is 10-15 mils standard.

<b>Performance Properties</b>	<b>Testing Method</b>	<b>Results</b>
Adhesion	ASTM D 4541	>1,000 PSI
Hardness (Shore D)	ASTM D 2240	53
Impact Resistance	ASTM B 2794	>384 in./Lbs.
Tensile Strength	ASTM D 638	1931 PSI
Elongation %	ASTM D 638	207%
Taber Abrasion	ASTM D 4060	66 (mg loss, CS 17 wheel)
Mandrel Bend	ASTM D 522	1/8 inch, no crack (>32%)
Melt Index	ASTM D 1238	207
Salt Spray Resistance	ASTM B 117	>4,000 hours
Humidity & UV Resistance	ASTM D 2247	No blistering after 1,000 hours
Gloss	ASTM D 523	70

**CCI Pipeline Systems certifies that the standard Model CSC Casing Spacers are of the highest quality and meet or exceed industry standards.**