

Advantages of the 2nd Generation Synthetic reed

	1 st Generation		2 nd Generation
Material	Made with	Non-symphonic material	Symphonic Material (AMBIPOLYMER)
	Sound Character	Uneven sound quality in different registers	Even and good sound quality, in all registers like a good natural cane
Harmonics	Symptom	Sounds good when you hear from very short distance but sound quality quickly drops when distance increased.	Strong projection with full harmonics in all register
	Reason	All plastics are not made for symphonic application. Plastics does not generate enough harmonics in all register.	
Reliability	Symptom	Pitch easily changes as temperature, altitude and moisture changes	No pitch change caused by temperature, altitude and climate variation
	Reason	All plastics are weak and vulnerable against such change(s)	
Consistency	Symptom	Each reed is different. Need to select a right one	Every reed is fully consistent with precision molding technology.
	Reason	Made by CNC with inevitable machining tolerance	
Deformation	Symptom	Micro crack and potentially very harmful micro hairs	No deformation at all for 12+ months
	Reason	Structural damage and stress built by manufacturing process	
Adjustment	Symptom	Hard to adjust or modify for personal preferences	-Fully adjustable with reed knife or any reed tool. -Clip-able.
	Reason	General character of plastic	
Sound			-Absorbing moisture amplifies sounds and harmonics of good cane reeds. -Moisture does not dry out for few hours.
Pairing			Self-aligned according to different mouthpiece shape and individual embouchure