



SENSOR[®]
NETWORKS, INC

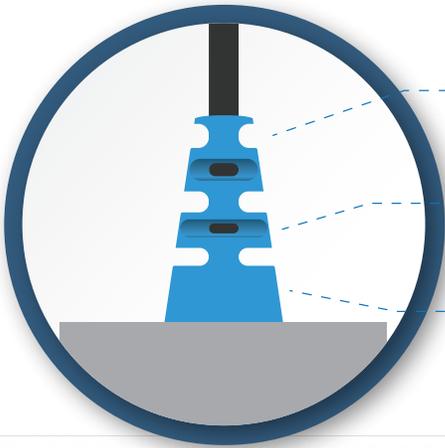
Inspection, Testing & Asset-Integrity Solutions

Transducer Tech-bits[™]

Two compelling reasons to specify SNI's SensorScan[®] UT transducers

#1 Strain Relief

SNI has invested in a highly-engineered flexible strain relief to ensure maximum life of the PAUT transducer and its cable-to-transducer interface. This strain relief was tested with 583,000 severe (+/- 90°) bending cycles without failure. Other cable-transducer sub-systems fail before 50,000 bending cycles due to inadequate strain-relief protection. Extra insurance against cable failures is crucial when working with expensive and critical PAUT exams. SNI includes these strain reliefs at no additional charge to its customers.



Non-hydroscopic specialty thermoplastic

Tapered with flex grooves for mobility

Protects up to 128 micro-cables

- Each element of the phased array has its own micro-coax cable.

550,000+

<50,000

Competitor's Cycles

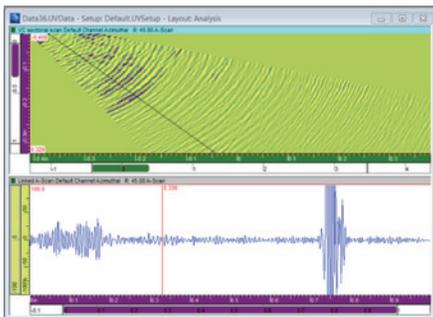
Sensor Networks' Cycles

#2 Low-Noise Blue[™]

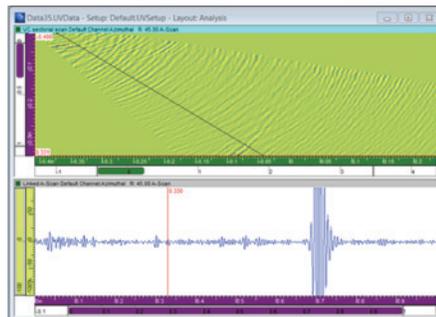
For both conventional and PAUT transducer-wedge combinations, SNI has developed a proprietary noise-dampening material that has an acoustic impedance very similar to the wedge material (to allow the sound in) and is highly attenuative (to absorb any energy that enters it). The end result is improved signal-to-noise ratio. See SNI's Low-Noise Blue wedge noise vs. a popular Brand X's equivalent for a similar frequency, size and angle.

- Proprietary damping material
- For standard and custom wedges
- Significantly improves signal-to-noise ratio
- Radiused for OD, ID or complex radii exams

Signal-to-Noise Comparison



Competitor's Wedge



Sensor Networks' Wedge with Low-Noise Blue



Low-Noise Blue Wedge with Sensor Networks Phased Array Transducer