



SonoSite designs, manufactures, and tests transducers in-house with real-world customer needs in mind. Our transducers actually exceed stringent military specifications for drop-testing, so you can use them with confidence.

SonoSite transducers aren't only durable: they're also made to offer superior imaging technology in the busiest, most demanding environments.

And if that's not enough, SonoSite transducers are covered by an industry-leading 5-year warranty (which includes damage from accidental drops*).

Taking durability to the armored level.

Armored Cable Technology:

In high traffic environments, it's a simple fact that transducer cables will be rolled over, stepped on, twisted, and shut in doors. These everyday occurrences can easily damage an average transducer cable, and lead to reduced image quality. We saw this as a problem: products need to stand up to the environments that they are built for.

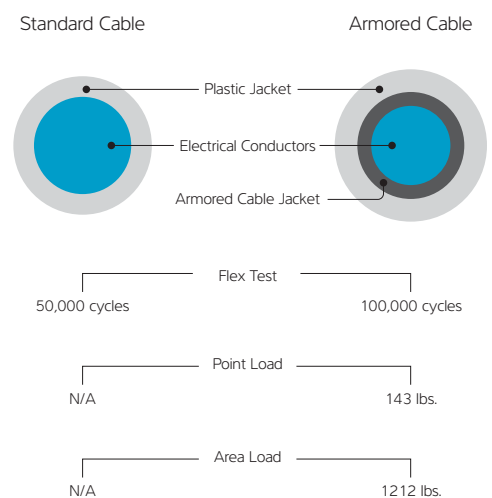
So we developed a system for manufacturing superior, more durable transducer cables. SonoSite's Armored Cable Technology surrounds transducer wiring with an embedded metal jacket, protecting it from common use/abuse scenarios. SonoSite transducers can resist drop damage, roll-over breakage, and even deterioration from harsh medical cleaners and disinfectants.



Standard Cable



Armored Cable



Visualization, clearly enhanced.

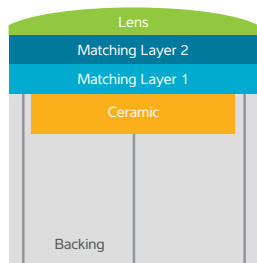
DirectClear: A new generation of SonoSite transducer technology.

With DirectClear technology, SonoSite now offers transducers with higher performance that maintains our industry-leading durability.

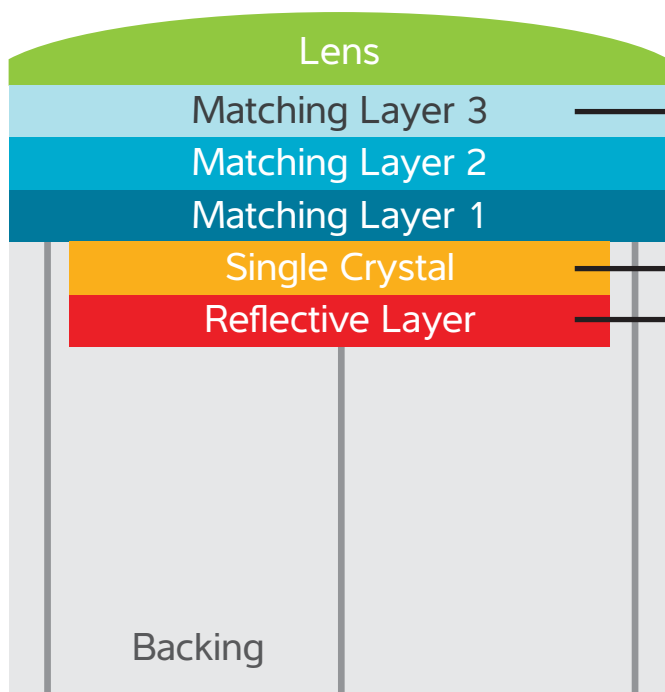
DirectClear technology combines several new design features for significant performance improvement. Compared to the previous generation of transducers, tests have shown an increase of up to 30% in penetration and resolution with these new additions. DirectClear technology is available on several transducers across the SonoSite point-of-care ultrasound portfolio.



The rP19x transducer has the smallest footprint of our adult phased-array transducers, yet offers our best penetration and detail resolution.



Typical Transducer



SonoSite Transducer using DirectClear Technology

Enhanced Bandwidth

An additional matching layer allows more of the lower and higher frequencies generated to be transmitted into the body. This enhanced bandwidth contributes to the increased detail resolution of fine structures.

Higher Efficiency

The use of a single crystal in transducers featuring DirectClear technology aligns electrical charges, making the transducer more efficient.

Improved Signal Penetration

By adding a reflective layer between the transducer crystal and backing, more energy can be directed towards the body, which leads to greater signal penetration.

* Exclusions apply and specifications are subject to change without notice. For complete details on each program offering, please refer to the SonoProtect terms and conditions. SonoSite will not honor warranty on products unless purchased from authorized Distributors. Terms may vary for veterinary products