



DIAQUIP

AT THE CUTTING EDGE

DIAMOND WIRE

DQ4

COMPOSITE DIAMOND WIRE



DQ4 is a proven, highly professional diamond wire range used for cutting composite structures and material. Available in varying beads per metre, the DQ4 diamond wire will allow you to approach a wide range of applications armed with the most efficient solution.

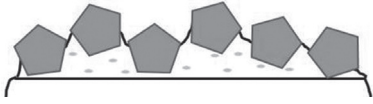
The special vacuum, brazed bead manufacturing process is the latest technology available, resulting in a wire range that has exceptional performance, particularly on jobs such as wind turbines and airframes, as well as being suitable for Dry cutting applications. The rubber covered structure of the wire is specially designed for extreme durability, in order to withstand the most challenging applications. Where dry cutting and maximum strength is required, a dedicated compound can be specified for an even greater performance

www.diaquip.com

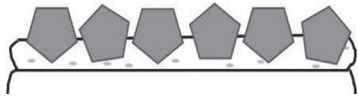


SPECIFICATION DETAILS

Brazed



Electroplated



Higher Diamond Retention

- Chemical Bonding between diamonds and metal base
- Larger chip pocket enabling increased performance

Benefits over Electroplated wire

- Dual layer diamond
- Positioned diamond

TECHNICAL SPECIFICATION

Product description	Professional vacuum brazed diamond wire for composite materials
Application	Composite Materials, Wind Turbines
Number of beads	40, 44, 48 and 53BPM
Bead diameter	10.2mmØ standard, 9mmØ for loops under 3m. Also available in 9.8mmØ / 10.2mmØ / 10.5mmØ / 11mmØ
Wet/Dry	Wet Cutting
Lengths	Custom size lengths and endless loops
Structure	Pre-pressed beads on cable + Rubber coating + Spring spacer
Cable Breaking Strength	Min. 21,200kN
Strength of Loop	Min. 1,500kg.f.
Cable Elongation (wire stretch)	0.28% at 2,500N
Temperature Range	Below 100°C
Shelf Life	1 year when stored in a dry, dark and room temperature environment
Cable Diameter	4.8mm (Min. 4.66mm / Max. 4.94mm)



DQ4 WIRES HAVE UNDERGONE A WIRE STRENGTH TEST;
772.65 kg.f



WIRE STRUCTURE;

All our wires are made from an extremely high quality structure; highest grade rubber coating, strong steel spring spacers, multi-stranded steel carrier wire, and diamond beads manufactured with the latest technology available.



AVAILABLE IN CLOSED LOOPS

DQ4 WIRE USAGE

