

Now the world's strongest radome is invisible to microwaves



Introducing Durashed Radome™ with Dyneema® Crystal Technology



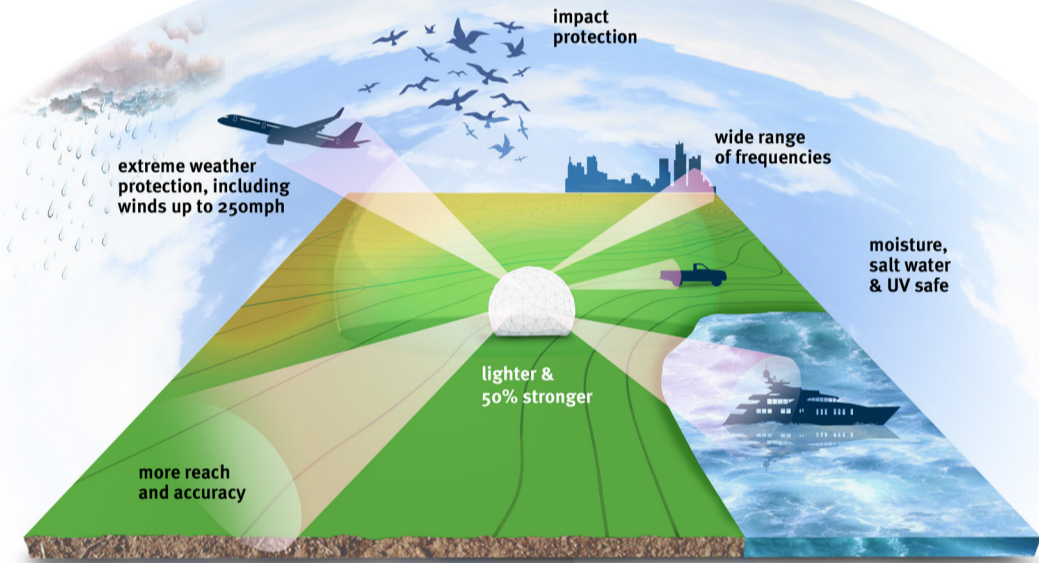
L-3 ESSCO sets the new standard for metal space frame radomes



Durashed Radome™ with Dyneema® Crystal Technology, offers superior protection and performance increases for advanced SatCom, surveillance and tracking applications.

- Lighter, stronger membrane increases structural integrity of radome for maximum protection
- Exceptional hydrophobic properties instantly shed water and virtually eliminate the need for regular maintenance
- Improved RF transparency over a wide-range of frequencies, including C-, X-, Ku-, K- and Ka- bands
- Reduced lead times and lifetime costs
- Industry's only 10-Year Limited Warranty when installed by factory trained ESSCO personnel

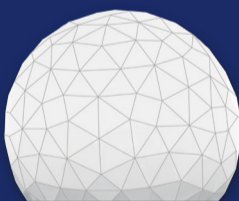
The benefits of Dyneema® Crystal Technology



Durashed Radome™ maximizes the performance of your radar using Dyneema® Crystal Technology

How do you design a radome that does not compromise the performance of your highly sensitive radar system?

It needs to offer reliable protection, with zero signal loss.



Dyneema® Crystal Technology is a new technology platform of Dyneema® for radomes. The ultra-high molecular weight polyethylene material is exceptionally strong and light, and almost invisible to microwaves.

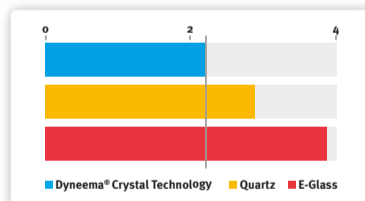
This advanced new membrane technology delivers a new level of performance for metal space frame protective structures:

- One of the world's strongest materials, yet very light
- Exceptional water-shedding performance
- Superior RF transparency over a wide range of frequencies

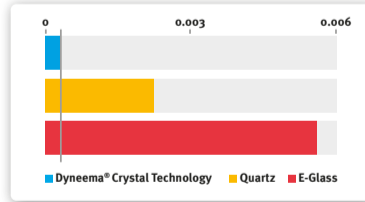
New benchmark in performance

The electromagnetic properties of Dyneema® Crystal Technology outperform all other materials used for radomes. It will give your radar system superior consistency and predictability at the widest range of frequencies.

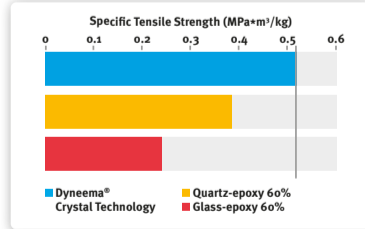
The high tensile strength and low density makes it one of the world's strongest materials, and yet very light.



Comparison of Dielectric Constant



Comparison of Loss Tangent



Comparison of Specific Tensile Strength

Sharing a spirit of innovation



L-3 ESSCO is the world's premier designer and manufacturer of ground-based radomes

For more information
<http://www2.l-3com.com/essco>



DSM Dyneema is the inventor and manufacturer of Ultra High Molecular Weight Polyethylene (UHMWPE) fiber branded as Dyneema®, the world's strongest fiber™.

Further information on DSM Dyneema is available at www.dyneema.com

Durashed Radome™ is a trademark of L-3 ESSCO. Dyneema® and Dyneema®, the world's strongest fiber™ are trademarks of DSM. Use of these trademarks is prohibited unless strictly authorized. All other trademarks are the property of their respective owners.