

# S-5!®

*The Right Way*

DualGard™  
two-pipe system:  
Versatility, reliability  
and strength in  
one system.

DualGard™ is a complete, 2-pipe snow retention system created for those who prefer a pipe-style snow retention system with the strength, testing, quality and time-proven integrity you expect from S-5!. DualGard can also be color-finished to match the roof.

The system utilizes two anchor points per bracket, and can be engineered for structural adequacy online with our new DualGard Calculator and backed by independent lab testing.

DualGard is the most versatile and reliable pipe system on the market. And in the S-5! tradition—also the lowest cost.

**The right way to attach almost anything to metal roofs!**

DualGard — a complete system including:

- DualPipe™ (1" diameter)
- DualBracket™
- DualClip II™
- DualClip III™
- DualGard Splice
- DualGard Endcaps
- DualCollar™



S-5!® DualGard™



888-825-3432 | [www.S-5.com](http://www.S-5.com) |

## DualGard™: Effective Snow Retention

When snow accumulations begin to melt, the result can be catastrophic as a heavy blanket of snow avalanches from the roof. DualGard gives you a reliable solution. Incorporating independently A2LA-certified laboratory-tested S-5! Mini clamps and the online calculator, you can be assured that DualGard will hold up to the challenge.



As with S-5! ColorGard®, SnoRail™/SnoFence™ and X-Gard™, the DualGard snow retention system provides superior, documented holding strength when compared to individual cleats, adhered plastic parts and other snow retention systems.

### **Snow retention systems are VITAL SAFETY EQUIPMENT.**

When designed and installed correctly, they are used to protect property and individuals. That's why all S-5! clamps and snow retention systems are thoroughly tested and certified by an independent third party lab.

**When other brands claim to be "just as good as S-5!", tell them to PROVE IT.**

A2LA Cert No. 0018.04

### **S-5!® Warning! Please use this product responsibly!**

S-5! products are protected by multiple U.S. and foreign patents. Visit [www.S-5.com](http://www.S-5.com) for complete information. DualGard assemblies should not exceed 100' in length. When a longer run is necessary, divide into multiple assemblies to avoid accumulated thermal expansion. For maximum holding strength, setscrews should be tensioned as the seam material compresses. Clamp setscrew tension should be verified using a calibrated torque wrench between 160 and 180 inch pounds when used on 22ga steel, and between 130 and 150 inch pounds for all other metals and thinner gauges of steel.

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The independent lab test data found at [www.S-5.com](http://www.S-5.com) can be used for load-critical designs and applications.

### **DualGard Advantages:**

- DualGard Brackets work with a range of clamps and offer lateral system stability.
- DualClip easily mounts to the pipes for increased snow and ice retention.
- DualGard is compatible in metallurgy with all common metal roofing (except copper).
- DualGard can be installed any time of the year.



### **TAILOR EACH PROJECT WITH EASE**

The DualGard Calculator not only ensures structural adequacy, but generates a materials list, too.

**DualGard Calculator**  
available at [www.S-5.com](http://www.S-5.com)

### **Distributed by:**