

# Help Prevent Corrosion

## Use Polyfilm Moisture Barrier on all types of Metal Jacketing

### Interior Surface Metal Jacketing Corrosion

Corrosion on the interior surface of insulation jacketing is a hidden, serious, and costly problem in all applications (hot or cold), with all metal jacketing types, and with all insulation types.

### Moisture Barrier Properties Needed

To keep water from causing jacket and pipe corrosion, the moisture barrier must be water resistant, pinhole free, tough, scratch resistant, and durable. Only Polyfilm Moisture Barrier (PFMB) offers all of these necessary properties while also being economical and widely available.

### Corrosion Science, Lab Testing, and Field Examples Agree

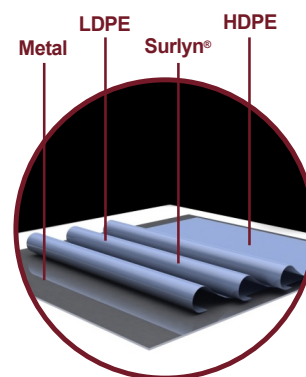
Corrosion science explains why pitting, crevice, and galvanic corrosion can occur and why PFMB can help prevent this damaging reaction. **Lab testing** shows the ability of PFMB to help prevent this corrosion. **Field examples** show PFMB in action helping prevent jacketing and pipe corrosion. Contact ITW Insulation Systems for more information on this.

Contact ITW Insulation Systems for more information on how PFMB can help you prevent jacketing and pipe corrosion.



### Why Polyfilm Moisture Barrier?

- Proven performance
- Widely available
- Three-layer film for optimized performance
- Thick film (3 mils, 76  $\mu\text{m}$ ) provides durability
- Zero pinholes
- Low water vapor transmission rate
- No paper present to absorb water
- Tough and strong film to resist damage
- Great adhesion to metal substrate
- Low flammability



Crevice corrosion that can occur when PFMB is not used

**ITW** INSULATION SYSTEMS

Multiple Insulation Solutions, **One Manufacturer**, Global Reach

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