



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-Uncured EPDM Flashing & ERS-White Uncured EPDM Flashing

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-Uncured EPDM Flashing is a 60 mil (.060 inch) thick, self-curing EPDM material. ERS-Uncured EPDM Flashing Membrane is available in widths of 6", 12", 18" and 24" and lengths of 100'.

RECOMMENDED USES:

The ERS-Uncured EPDM Flashing is used as a pliable flashing that can be formed to seal pipes, inside and outside corners, and other projections that cannot be sealed with cured EPDM membrane. Consult specification drawings for installation details.

STORAGE:

- Black: 9 months when stored between 60°F and 80°F.
- White-on-Black: 6 months when stored between 60°F and 80°F.
- **Note:** The shelf life is cut in half for each additional 18°F in which the product is stored.

PHYSICAL PROPERTIES:

Physical Properties	Test Method	Typical Values
Tolerance on Nominal Thickness, %	ASTM D-412	±10
Tensile Strength, min, psi(Mpa)	ASTM D-412	1305 (9)
Elongation, Ultimate, min, %	ASTM D-751	350
Tear Resistance, min, lbf/in (kN/m)	ASTM D-624 (Die C)	175 (30.6)
Ozone Resistance* Conditions after exposure 110 pphm Ozone in air for 168 hrs @ 104°F(40°C)	ASTM D-1149	No Cracks
Brittleness point, max, deg.F (deg.C)*	ASTM E-746	-75 (-59)
Resistance to Water Absorption* After 7 days immersion @ 158°F (70°C), Change in mass, max, %	ASTM D-471	4
Water Vapor Permeability* max, perm-mils	ASTM E-96 (Proc. B or BW)	2
Resistance to discoloration when coated with white hypalon	ASTM D-1148	No More Discoloration than glass side
Resistance to Heat Aging, long term Properties after 4 weeks @ 240°F(116°C)	ASTM D-573	
Tensile Strength, min, psi(MPa)	ASTM D-412	1200(8.3)
Elongation, Ultimate, min, %	ASTM D-412	225
Tear Resistance, min,lbf/in(kN/m)	ASTM D-624	150(26.3)
Linear Dimensional Change, max, %	ASTM D-1204	+ 2

Note: These properties are tested after vulcanization of the flashing for 20 minutes at 320°F.

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