

i protect with



White CI lined structure for military equipment

NovaShield® CI

REUSABLE AND RECYCLABLE CORROSION PROTECTION

Is corrosion of equipment costing you money?

IPG® introduces NovaShield® CI to meet your custom anti-corrosion packaging and storage needs.

- Created for indoor and outdoor storage
- Long term, state-of-the-art, humidity independent corrosion protection
- Employs NovaShield® technology—provides extremely high strength and 10 or more years of outdoor UV resistance
- Perfect for military equipment, parts or outdoor appliances

COATING LAYER WITH INTERCEPT® TECHNOLOGY



CLEAR SCRIM REINFORCEMENT

EXTRUSION COATING LAYER

FEATURES & BENEFITS

- Intercept® Technology chemically removes airborne corrosive gases
- WORKS IN ALL HUMIDITY AND TEMPERATURE RANGES
- Effective at low and high concentrations of gases
- NovaShield® CI contains no volatile substances or oils
- Highly reinforced material that is reusable, recyclable, and easy to use
- Blocks 100% of UV radiation, protecting rubber and plastic components
- Excellent tear and tensile strength

* Vapor permeable coverings actually promote corrosion in humid or marine climates by allowing water vapor to pass from the ambient air through the covering, and condense onto the asset being covered.



Custom NovaShield® CI outdoor storage box



Custom CI box

Intercept® Technology is a registered trademark of Engineered Material Incorporated.

TAPES & FILMS • PACKAGING PRODUCTS & SYSTEMS
BUILDING MATERIALS • ENGINEERED COATED PRODUCTS

FABRIC ATTRIBUTES

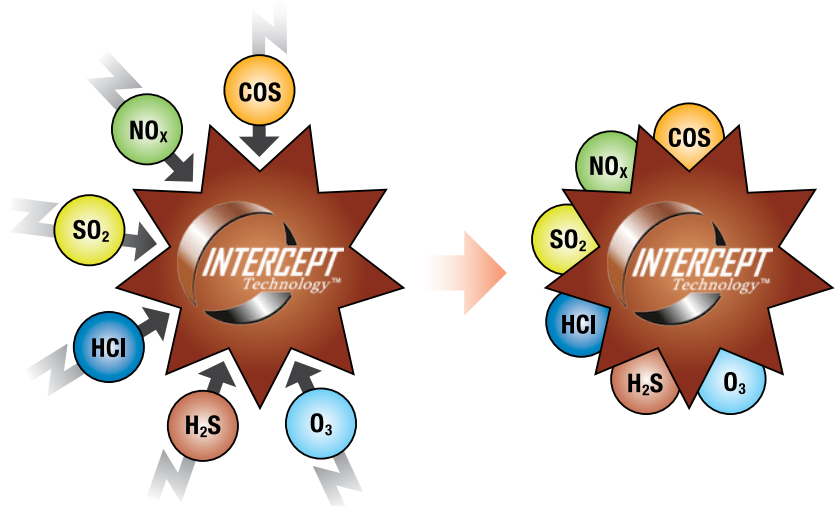
WEAVE	COATING	CUSTOM PACKAGING SOLUTIONS
Woven clear HDPE scrim	4 mil average each side (95g/m ² /side)	Steel drum protective sleeves Liners and bags Rigid, collapsible boxes

TECHNICAL DATA

CHARACTERISTICS	DIRECTION	VALUES
Grab Tensile	ASTM D-5034-09	Warp 370 lb, 1664 N / Weft 345 lb, 1532 N
Strip Tensile (N/5cm)	ASTM D-4851-07(2011)	Warp 275 lb/in (2444)/Weft 245 lb/in (2178)
Tongue Tear	ASTM D-2261-11	Warp 115 lb, 510 N / Weft 110 lb, 489 N
Mullen Burst	ASTM D-3786-09	675 psi 4657 kPa
Accelerated UV Weathering ⁱ	ASTM G154-06	> 90% strength retention after 2000 hrs Exposure @ 0.77 W/m ² /nm, or 1200 hrs Exposure @ 1.35 W/m ² /nm
	CSA-S367-12	> 75% strength retention after 5000 hrs exposure @ 0.77 W/m ² /nm
Accelerated Natural Weathering	ASTM G90-10	> 80% strength retention after 5 Florida Standard Years ⁱⁱ
Low Temperature Bend	ASTM D2136-02(2012)	-60°C
Weight		12 oz/yd ² ± 5% (407g/m ² ± 5%)
Thickness	ASTM D1777	20 mil (0.50 mm)
Color		White, Green, Copper



NovaShield® used as cladding on a frame-supported building. This product has a successful 20-year history and comes with a 10-year warranty.



Copper particles preferentially react with all corrosive gases inside the package, creating permanent bonding of corrosive gas. This protects the part or equipment inside from corroding.

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