

PULP AND PAPER PROVEN.

DuraChem® 200 delivers
Chemical, Thermal and
Heat Stress protection
in a single garment.



When the heat is on, DuraChem® 200 is the proven multi-hazard solution.

Hot liquors, hot ash, 300° F steam...things get pretty heated in pulp and paper production. That's what makes DuraChem 200 the ideal solution for multi-hazard, hi-vis apparel. Designed with input from pulp and paper facilities, this unique garment provides flexible protection from smelt to line breaks. Plus the breathable garment means reduced heat stress, improved comfort and better productivity. Add chemical, biological, molten metal splash, arc flash and FR protection in a single suit, and DuraChem 200 is a proven workhorse for pulping operations.



DuraChem 200®

*Certified,
Data-Driven Protection*

- ▶ Designed **specifically for pulp and paper** operations.
- ▶ Launderable garment with flexible hood and thermal liner options **simplify PPE inventory.**
- ▶ **Certified or Compliant to:**
 - ✓ Chemical (NFPA 1990 (1992) certified)
Including protection against green, black, and white liquors
 - ✓ Flame Resistant (NFPA 2112 certified)
 - ✓ Arc Flash (NFPA 70E certified)
 - ✓ Molten Metal Splash
 - ✓ Steam and Hot Water
 - ✓ Heat Stress

DuraChem 200®

Product Application



Process Hazards

- Smelt
- Hot Ash
- Chemical Liquors
- Line breaks
- Arc Flash
- Combustible Dust
- Heat Stress



PPE Needs

- ANSI 107 Class 2.
- 2112 requirement for boiler facilities.
- NFPA 70E needs for facility electricians.
- Chemical penetration and permeation protection.



Applications

- Maintenance Teams
- Site Electricians
- Line Break Operations
- Sampling

DuraChem 200®

Product Performance

Delivering Superior

Flash Fire,
Arc Flash,
Thermal,
and Chemical
Protection

	Durachem® 200	Competitive Product
Basis Weight (oz/yd²)	9.5	8.0
Thermal and Flame Flame resistance (ASTM D6413) Thermal Transfer Performance (ASTM F2700) Thermal Manikin (ASTM F1930)	No after flame, No melt/drip 20.2 cal/cm ² (spaced) 6.56% body burn	No after flame, No melt/drip 11.3cal/cm ² (spaced) 20.8% body burn
Arc Flash (ASTM F1959)	APTV – 13 cal/cm ²	APTV – 9.0 cal/cm ²
Molten Metal (ASTM F955) Iron at 2800°F	No burn (11.7°C temp rise)	No burn (13.4°C temp rise)
High Visibility (ANSI/ISEA 107)	Meets class 3, Type R	Not compliant (black)
Chemical Resistance ASTM F903 (chemical splash) ASTM F739 (chemical permeation – vapor)	Provides resistance versus > 50 chemical challenges.	Provides limited resistance versus 7 chemical challenges.

End User Testimonial

Pulp & Paper Plant Employee



“This PPE allows me to focus on the task at hand instead of trying to work as quickly as possible due to heat stress.”

-Derrick S.

DuraChem 200®

Product Style Offering

Available in 3 Styles:

Coverall

Jacket

Jacket + Bib Trouser

Available in 2 Fabric Colors:

Hi-Vis Yellow

Navy

Attachable Hood or Overhood Options

Integrated or Independent Thermal Liner Options





Try DuraChem® 200
Visit Us at Booth #48