

# UHMW Polyethylene

## Drainage Elements

**Coldwater's premium UHMWs offer significantly longer life**

**We offer a variety of UHMW Polyethylene products and materials to meet the specific requirements of paper machines.**

### UHMW Materials (in order of wear resistance):

- CW 1000 - A virgin UHMW of the highest molecular weight commercially available. An economical alternative, and often the best place to start.
- CW 2000 - CW 1000 with molybdenum disulfide and cross-linking for better wear and impact properties.
- CW 5000 - Our standard SiO<sub>2</sub> filled material for abrasive applications. Proven to extend life and non-abrasive to wires or felts.
- CW 6500 - A special blend of fillers for the toughest applications.
- CW 8000 - \*\* New \*\* - Applied in trials only on a case by case basis from 2010.

### UHMW Polyethylene Application Guidelines

UHMW-PE Material	Color	Former Applications - Foils, Lo Vacs, Hi Vacs				Press Applications - Uhle Strips and Covers			
		Fine Paper Wet App's	Fine Paper Dry App's	Brown Paper Wet App's	Brown Paper Dry App's	Fine Paper Wet App's	Fine Paper Dry App's	Brown Paper Wet App's	Brown Paper Dry App's
CW 1000	Black / White	X	X	X	X	X	X	X	X
CW 2000	Dark Blue	X	X	X	X	X	X	X	X
CW 5000	Light Blue	X		X	X	X		X	X
CW 6500	Light Gray	X		X	X	X		X	X
CW 8000	Black / White								

----- Recommended case by case -----

*Please Note:* Former Wet Applications - Forming board and gravity section foil blades  
 Former Dry Applications - Low vacuum foils and high vacuum covers  
 Press Wet Applications - Pick-up felts and lubricated uhle boxes  
 Press Dry Applications - All felts other than pick-up, non lubricated uhle boxes

