

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 5000 - Our standard SiO₂ filled material for abrasive applications. Proven to extend life and non-abrasive to wires or felts.
- CW 6000 - A specialty grade with higher filler content for severe applications of abrasion or temperature.
- CW 7000 - State of the art technology with clay and ceramic fillers to bridge the gap between plastics and ceramics.
- 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 5000	Light Blue	X		X	X	X		X	X
CW 6000	Dark Grey	X		X	X	X		X	X
CW 7000	Pearl	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

