



Abreco
WEAR PIPE



Canadian
WEARTM
TECHNOLOGIES



CANADIAN WEAR TECHNOLOGIES IS PROUD TO REPRESENT THE WORLD'S FIRST AND ONLY, CENTRIFUGALLY CAST, BI-METALLIC, UT TESTABLE, CHROME WHITE IRON WEAR PIPE CAPABLE OF BEING FORMED INTO LONG RADIUS ELBOWS.

MANUFACTURED USING THE CENTRIFUGAL CASTING PROCESS, ABRECOPIPE COMBINES THE LONG PROVEN WEAR CHARACTERISTICS OF CHROME WHITE IRON WITH THE TOUGHNESS AND FUNCTIONALITY OF MILD STEEL.

SERVING THE ALBERTA OIL SANDS MARKET FOR OVER 10 YEARS, ABRECOPIPE HAS PROVEN ITSELF TO BE THE ULTIMATE WEAR PIPE!

CWT ADHERES TO AN ISO 9001:2008 REGISTERED QUALITY SYSTEM TO ENSURE THAT WE SUPPLY THE RIGHT PRODUCT, ON TIME.



TECHNICAL

27 CHROME INNER WEAR LAYER

27 CHROME CHEMISTRY : ASTM A532 TYPE III A (MODIFIED)					
	CARBON	CHROMIUM	MOLYBDENUM	MANGANESE	SILICON
% CONTENT	2.0 - 3.3	27 - 29	0.2 - 0.4	0.8 - 1.2	0.4 - 0.8

MILD STEEL PROPERTIES

MILD STEEL OUTER LAYER

CHARPY IMPACT RESULTS						
TEMP °C	-60°	-40°	-20°	0°	40°	60°
J (Avg)	37	84	87	113	167	173

TENSILE STRENGTH: 68,200 psi / 470 MPA

YIELD STRENGTH: 35,000 psi / 240 MPA

HARDNESS: 27 CHROME ABRECOPIPE ACHIEVES A MINIMUM HARDNESS OF 600+ BHN

SIZING: NPS EQUIVALENT 4" UP TO 48".

LENGTH: 3, 4, 5, 6, 7, AND 8 METER (DEPENDING ON OD, WALL THICKNESS AND AVAILABLE MOLDS). HOWEVER, ANY LENGTH CAN BE ACHIEVED VIA BUTT WELDING.

WALL THICKNESS: UP TO 20MM OF 600 BHN INNER WEAR LAYER.

QUALITY: AS A RESULT OF THE CENTRIFUGAL CASTING PROCESS, OVALITY CAN BE MAINTAINED TO +/- 1MM REDUCING THE POSSIBILITY FOR ANY TURBULENCE IN THE SYSTEM AT JOINTS.

FITTINGS: FLANGES, VICTAULIC COUPLINGS AND BUTT WELDS HAVE ALL BEEN USED SUCCESSFULLY.

OPERATIONS: ABRECOPIPE IS FULLY UT TESTABLE.

GIVEN THE NATURE OF THE CASTING AND HARDENING PROCESS, THE RESULT IS A VERY CONSISTENT HARDNESS AND RATE OF WEAR THROUGHOUT THE THICKNESS OF THE PIPE. WITH UT TESTING A PREVENTIVE MAINTENANCE AND REPLACEMENT SCHEDULE IS EASILY MANAGED. ABRECOPIPE OUTLASTS CHROME CARBIDE OVERLAY (CCO) PIPE BY A FACTOR OF 6.

FOR YOUR MOST SEVERE PIPE APPLICATIONS CONTACT US ABOUT AN ABRECOPIPE SOLUTION!

CANADIAN WEAR TECHNOLOGIES LTD.
675 BROOK ROAD, NORTH
COBourg,
ONTARIO CANADA,
K9A 4J8

PHONE: (905) 373-9327
FAX: (905) 373-4172

GENERAL INQUIRES: [INFO@CANADIANWEARTECH.COM](mailto:info@canadianweartech.com)
WWW.CANADIANWEARTECH.COM

