



**KWD
CHARTS + SUMMARY**

Update: 2007-04

KWD Charts + Summary:

“Hydronic Heating, Plumbing and Plastic pipes in NorthAmerica 2007”

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- USA: 5 JUNE 2003 • RADIANT PANEL REPORT: Tube Statistics / Radiant Market Grows
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- Plastics News: California deals PEX pipe makers a blow
- Calif. appeals court to hear PEX pipe case
- KWD-globalpipe 2004-139: "California drops PEX from plumbing code": Reader's Comment
- Californian Pipe Wars, Sequel 3
- Court Requires Environmental Review for MTBE-Leaching Plastic Water Pipes
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- ASHRAE : AHR EXPO Show (January 26-28, 2004) Preview of HVAC&R Equipment & Components
- FINAL REPORT: ISH North America 2003
- USA : Which Show ?
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- Chicago : Trends at The Show AHR EXPO
- ISH Toronto: RPA Members' Forum
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- NSF Completes Testing of Household Drinking Water Products
- NSF Expands its Global Certification Services to China
- NSF Publishes Guide on New European Standards for Drinking Water Treatment Systems
- In Cooperation with Symposium Cosponsors: Register today !
- Symposium on the health effects of consuming drinking water with magnesium and calcium
- NSF Expands Testing Operations in Taiwan with New Laboratory in Taichung, Taiwan
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IBA Industrial / Imperial Plas Tech / Infloor Radiant Heating Inc /IPSCO / J-M Manufacturing

L (Page 330-332)

Lamson & Sessions / Lasco Fittings / Lorence Industries

M (Page 333-344)

Mansfield Plumbing Products / Masco Corporation / Maxxon Corporation / Mestek / Midtec of America / Modern Products Industries / Mueller Industries

N (Page 345- 360)

National Pipe & Plastics / NIBCO / Northern Pipe Product Inc. / Noveon

P (Page 361-371)

Pandanoplast USA / Performance Pipe / Polypipe Inc / Polytech Products Inc. / Premier Comfort Systems / PW Eagle

R (Page 372-389)

Radiation Dynamics Inc. / Rehau NorthAmerica / Rexnord Corp. / Royal Pipes Systems / Rockwool NorthAmerica / Roth Industries / Rovanco Piping Systems / RPM International

S (Page 390-395)

Safelink Systems / Saint Gobain / Sanderson Pipe / Silon Compounds / Southern Pipe Inc. / Standard Pipe

T (Page 396-399)

Thompson Plastics Inc./ Titeflex Corporation / Tyco

U (Page 400-407)

Uponor NorthAmerica

V (Page 408-423)

Vanguard Piping Systems / Victaulic / Viega North America / Viking-Group / Vitra USA

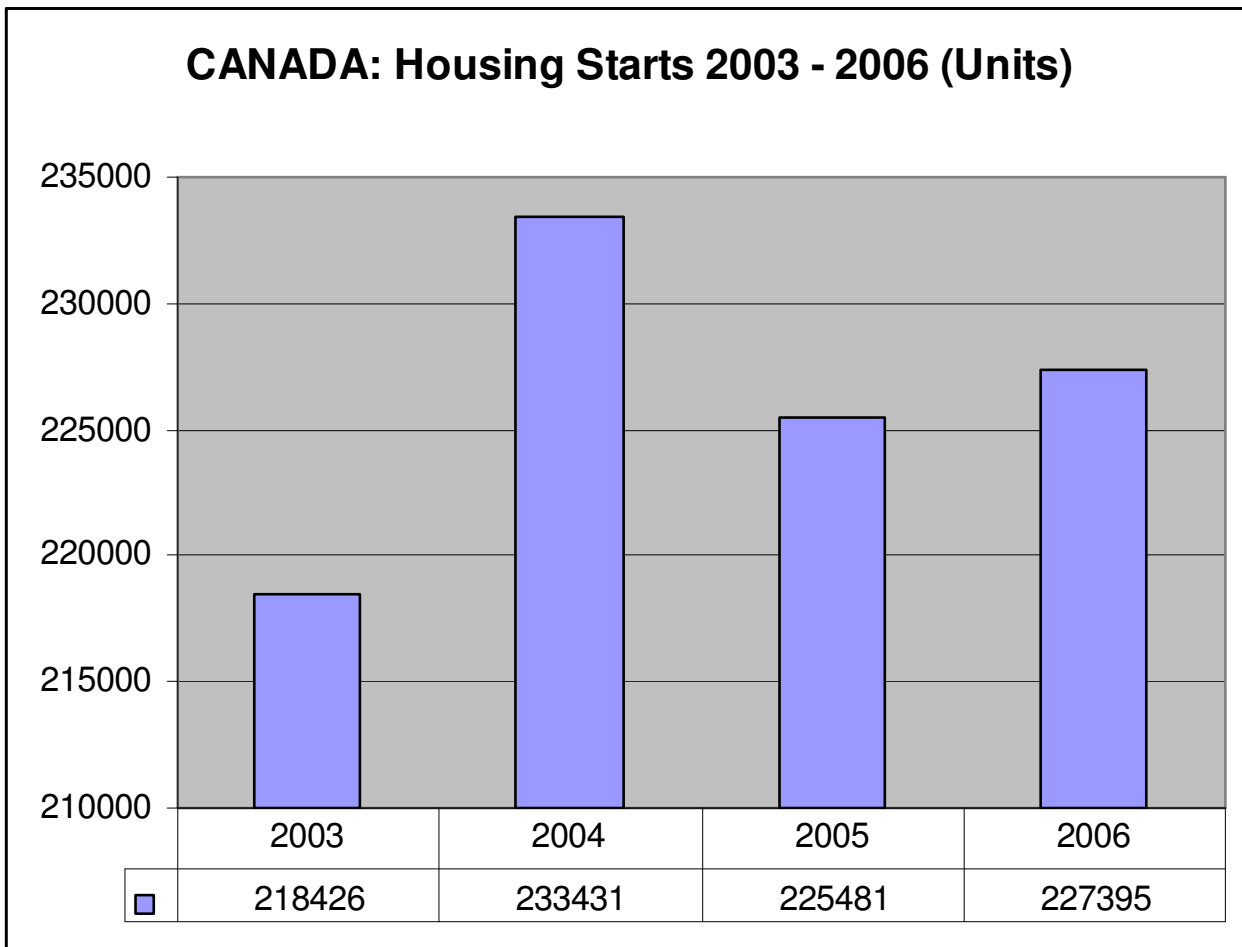
W (Page 424-430)

Warmboard Inc. / Watts / Weil-McLain / Wesflex Pipe Manufacturing

Z (Page 431-435)

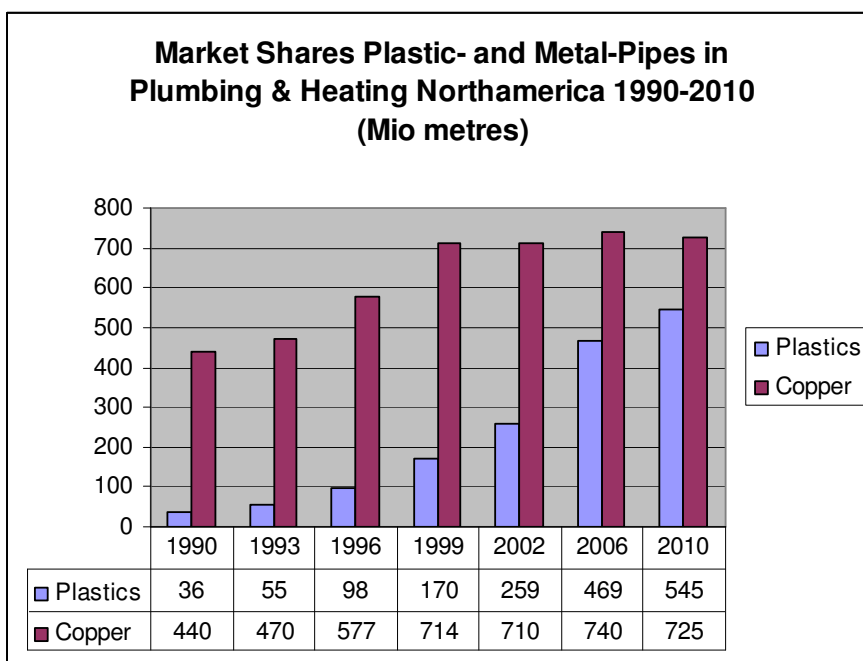
Zurn

CANADA: Housing Starts 2003 – 2006 (Units)



Market Shares Plastic Pipes and Copper Pipes in Plumbing and Heating Northamerica

Source: kwd-globalpipe, 2007-04



RDI™: Interated Electron-Beam-Processing Systems for Poyethylen Tubing(PE-Xc) Crosslinking

KWD-globalpipe, 2006-06-28, No.204. Today installing an **electron-beam facility** is a routine operation. However, it still requires an experienced partner to provide reliable equipment and guidance in swiftly bringing a facility into production.

RDI®

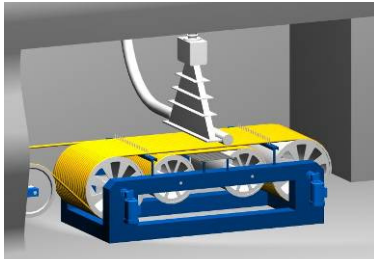
For **over 45 years**, RDI™, located in Edgewood (NY), has built a remarkable **track record** for innovative and reliable **cross-linking solutions**, and allows our customers to become world leading suppliers of PEXc.

RDI™ is best qualified to lead **PEXc producers** to greater productivity, up-time, efficiency and product quality today and into the future.

RDI™ **Dynamitrons** are the most reliable and rugged electron-beam accelerators available today. The Dynamitron allows the treatment of **over 70 million meters of tubing**, ranging **from 14 mm up to 32mm in diameter** annually. A vast majority of the PEXc producers, worldwide, rely daily on this equipment.

RDI™ offers more than just the electron accelerator equipment, with pre-

sale support, product development & validation in our facilities, project management, facility design, product handling system, system engineering, installation supervision, technician & operator training and after-sale support, making **RDI™** your **total partner in irradiation**



RADIATION DYNAMICS,INC a wholly owned subsidiary of IBA.

processing.

Contact: RDI™, 151, Heartland Blvd, EDGEWOOD, NY 11717-8374, USA
phone +1 631 254 6800, fax +1 631 254 6810, E-Mail: sales@iba-rdi.com.

Contact: Xavier Dupuis, Product Manager E-Beam/X-Ray, IBA Industrial
phone +32 10 48 77 26, fax +32 10 47 59 92, mobile +32 495 58 98 77
xavier.dupuis@iba-group.com, www.iba-worldwide.com

iba

employs approximately **3,000 people**. The company, in partnership with its subsidiaries, develops products for a full range of industrial, commercial and institutional piping systems.

Contact: Victaulic Company Corporate Headquarters, 4901 Kesslersville Road, Easton, PA 18044-0031, e-mail: victaulic@victaulic.com, www.victaulic.com.

NIBCO Signs Purchase Agreement for CPI Assets/ Nibco is now a major player in PEX tubing

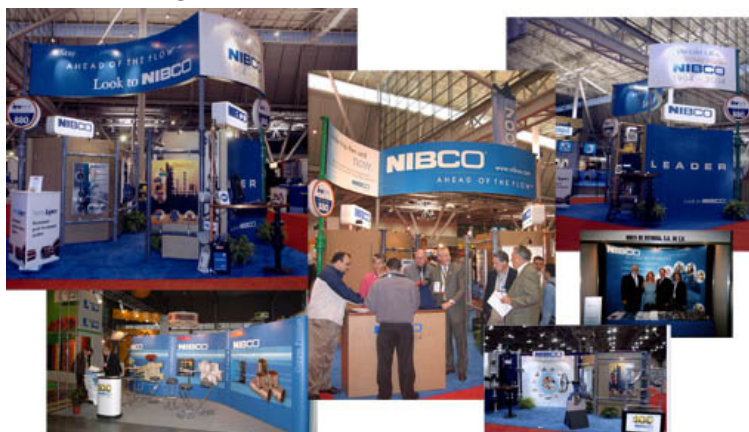
KWD-globalpipe, 2006-05-16, No.200. **Rex Martin**, chairman, president and chief executive officer of **NIBCO INC.**, announced that the company has signed a purchase **agreement to acquire** the assets of **Consolidated Plumbing Industries**. **CPI manufactures cross-linked polyethylene (PEX) tubing** for the North American water distribution and radiant heating markets at its manufacturing location in Lebanon, Ohio. CPI's headquarters and distribution center are located in Knoxville, Tennessee. The transaction will be finalized by mid-May.. CPI's headquarters and distribution center are located in . The transaction will be finalized by mid-May.

"The purchase of CPI's business supports our **goal of growth through acquisition**, expanding our access to products and markets," said Martin.

The NIBCO Advantage

"The PEX plumbing and heating industry is expected to grow significantly over the next several years. This acquisition positions NIBCO to emerge as one of the few dominant residential and commercial leaders in the PEX industry."

"This is an important and exciting landmark in NIBCO's evolving history," said Martin. "The acquisition of CPI makes NIBCO a major player in cross-linked polyethylene tubing manufacturing with a **full line of PEX fittings, manifolds, valves and installation accessories.**"



"The **demand for CPI's PEX products is phenomenal**; and under NIBCO ownership, CPI can continue to grow and meet the requirements of its customers in terms of quality and quantity," said **Paul Minbirole**, President of CPI.

CPI manufactures DURA-PEX® tubing for the wholesale, retail and OEM markets. CPI's other brands include **Push 'N Go® fittings**, **Basic Radiant®**, **DURA-PRO™ metal insert fittings**, and the **Grand Slam Manifold®**.

The acquisition of CPI's line of PEX products complements **NIBCO's NEXT-Pure™ PEX and residential plumbing product lines**. NIBCO introduced **NEXT-Pure™**, a complete PEX potable water system, in March 2005.

Founded in Elkhart in 1904, **NIBCO INC. is a worldwide provider of flow control solutions** to customers in the residential and commercial construction, industrial and irrigation markets. NIBCO operates 12 manufacturing plants throughout the United States, Mexico and Poland.

Contact: Sally Boyer, Manager-Strategic Communications, PH: +1/574.295.3381

international@nibco.com, admin@nci-marketing.com, nibco@nibco.com.pl, www.nibco.com.

The History of DURA-PEX, an electro beamed hemical free PE-Xc (and CPI)

KWD-globalpipe, 2006-05-16, No.200. The History of DURA-PEX: **DURA-PEX was developed in 1990 specifically to meet the needs of the US plumbing market**. PEX has many characteristics for hot and cold water distribution including; resistance to corrosion and scale buildup, flexibility to limit necessary joints, temperature range to stay flexible in cold and maintain hydrostatic and rating for hot water. PEX is also non-toxic, leaching neither taste nor odor into potable water. All of these characteristics continue to make PEX an excellent choice for potable water systems.

DURA-PEX
The Choice of Professionals



227. Bornquist, Inc./ Thermal Transfer Sales

7050 N. Lehigh Ave.
US- Chicago, IL 60646

Telefon 773 774-2800
Telefax 773 763-6534
Kontakt Steve Thompson

COMPANY IS (GB)
- Wholesaler/ Stockist/ Plumber's merchant
MEMBER OF (GB)
- RPA: Radiant Panel Association/US

228. Boss Valves Inc.

35 Railroad Street
US- Slatersville, RI 02876

Telefon 401 767-2525
Telefax 401 767-2556
Kontakt Lori or John Russo

REGISTER

1. Ball Valves
2. Connectors
3. Washing Machine Valves

PRODUCER OF (GB)
- Fittings for domestic hot water
- Taps and valves / faucets

COMPANY PROGRAMME (GB)
- Taps and valves for heating and hot water installations
- Pipe connections for floorheating and radiators

229. Boston Metal Products, Ltd.

25 Thurber Boulevard
US- Smithfield, RI 02917

Telefon 401 232-0277
Telefax 401 231-8491
Kontakt Ron Roberts

REGISTER

1. Valves
2. Fittings (Non-Plastic)

PRODUCER OF (GB)
- Fittings for domestic hot water
- Taps and valves / faucets

COMPANY PROGRAMME (GB)
- Taps and valves for heating and hot water installations
- Pipe connections for floorheating and radiators

230. Boucher Energy Systems

88 Millville St.
US-01756 Mendon, MA 01756

Telefon 508-473-6648
Telefax 508-634-3509
Kontakt Joel Boucher

COMPANY IS (GB)
- Contractor plumbing and heating
MEMBER OF (GB)
- RPA: Radiant Panel Association/US

231. Bow Industrial Corporation

104 Sharron Ave.
US-12901 Plattsburgh, NY 12901-3803

Telefon +1-514-735-5671
Telefax +1-514-735-8636
Kontakt Peter Guttila
E-Mail guttila@bow-group.com
Internet http://www.bow-group.com

COMPANY HAS SYSTEMS (GB)
- Potable water systems/ Domestic hot water
PRODUCER OF (GB)

- PE-Xa pipes (method Peroxid)

MEMBER OF (GB)
- RPA: Radiant Panel Association/US

232. BP Solvay Polyethylene Northamerica

1230 Battleground Road, PO Box 1000
US-77536 Deer Park, TX 77536

Telefon 800-338-0489

REGISTER

1. Fortiflex
2. Eltex PE

COMPANY IS (GB)

- Manufacturer
- Producer of granulate, compounds, auxiliaries

233. BPH Plumbing & Heating

477 Elm Ave.
US- Bogota, NJ 07603

Telefon 201-342-0572

COMPANY HAS SYSTEMS (GB)
- Potable water systems/ Domestic hot water
- Radiator connection systems
- Hydronic floorheating

COMPANY IS (GB)
- Contractor plumbing and heating

MEMBER OF (GB)
- RPA: Radiant Panel Association/US

COMPANY PROGRAMME (GB)
- Baseboard radiant systems/Skirting Heating

234. Bradford White Corporation

321 Norristown Rd. #250
US- Ambler, PA 19002-2758

Telefon 800 523-2931
Telefax 215 641-1612
Kontakt Frederick D. Vattimo

REGISTER

1. www.bradfordwhite.com
2. CombiCor Direct-Fired System
3. UltraCoil Heat Transfer System
4. Water Heater
5. hydronic heating products

COMPANY IS (GB)
- Manufacturer

MEMBER OF (GB)
- RPA: Radiant Panel Association/US

COMPANY PROGRAMME (GB)
- Heating boilers, water heaters,

235. Bradley Corporation

W142 N9101 Fountain Boulevard
US- Menomonee Falls, WI 53051

Telefon 414 251-6000
Telefax 414 251-5817
Kontakt Brandee Parge

REGISTER

1. Faucets and Fittings
2. Sinks

OTHERACTIVITIES(GB)
- Other activities

236. Brady Plumbing & Heating

9 Mark Drive
US-10573 Rye Brook, NY 10573

Telefon 914 934-0809
Telefax 914 937-3471
Kontakt Kevin Brady

COMPANY IS (GB)
- Contractor plumbing and heating
MEMBER OF (GB)
- RPA: Radiant Panel Association/US

237. Bramec Corp.

P.O.BOX 9
US- North Sioux City, SD 57049-0009

Telefon 800/843-9974
Telefax 800/329-3003

REGISTER

1. Pipes for hot and cold water

COMPANY IS (GB)
- Producer of granulate, compounds, auxiliaries

MEMBER OF (GB)
- RPA: Radiant Panel Association/US

COMPANY PROGRAMME (GB)
- Taps and valves for heating and hot water installations
- Pipe connections for floorheating and radiators
- Insulation materials for pipes and valves

238. Brandywine Valley Htg & AC

917 Old Fern Rd. #300
US- Westchester, PA 19380

Telefon 610 692-3900
Telefax 610 692-2944
Kontakt William Ronayne

COMPANY IS (GB)
- Contractor plumbing and heating
MEMBER OF (GB)
- RPA: Radiant Panel Association/US

239. Branesky Sheet Metal, Inc.

636 N. Franklin St.
US- Fort Bragg, CA 95437

Telefon 707 964-0691
Telefax 707 964-0410
Kontakt Michael Cleary

COMPANY IS (GB)
- Contractor plumbing and heating
MEMBER OF (GB)
- RPA: Radiant Panel Association/US

240. Brasch Manufacturing Co., Inc.

11880 Dorsett Rd.
US-63043 Maryland Heights, MO

Telefon 314/291-0440
Telefax 314/291-0646

MEMBER OF (GB)
- RPA: Radiant Panel Association/US
COMPANY PROGRAMME (GB)
- Taps and valves for heating and hot water installations

241. Brass Craft Manufacturing Company

39600 Orchard Hill Place
US- Novi, MI 48375-5331

Telefon 248 305-6000
Telefax 248 305-6011
Kontakt Wade Hemderson

REGISTER

1. Masco-Group
2. Valves
3. Connectors
4. Gas Ball Valves
5. Fittings (Non-Plastic)

PRODUCER OF (GB)
- Fittings for domestic hot water

COMPANY IS (GB)
- Manufacturer

MEMBER OF (GB)
- RPA: Radiant Panel Association/US

COMPANY PROGRAMME (GB)
- Taps and valves for heating and hot water installations
- Pipe connections for floorheating and radiators

242. Brenelle Company LLC.

6749 W. Quinella Drive
US- Las Vegas, NV 89103

Telefon 702 873-9581
Telefax 702 362-5559
Kontakt Brent Larkin

REGISTER

1. Plumbing Repair Accessories

OTHERACTIVITIES(GB)
- Other activities

243. Brennan Mechanical

Rt. 10 Box 80
US- Santa Fe, NM 87501

Telefon 505 474-3101
Kontakt Will Brennan

COMPANY IS (GB)
- Wholesaler/ Stockist/ Plumber's merchant
MEMBER OF (GB)
- RPA: Radiant Panel Association/US