LTP Crane Rail Pads

FABREEKA®
VIBRATION & SHOCK CONTROL

Two types of Fabreeka®-LTP crane rail pads are available for use in light to heavy/severe service duty. Type CR2-3 is manufactured using a fabric reinforced, oil resistant elastomer. Type CR17-5 is manufactured using Fabreeka pad, which is composed of multiple layers of fabric reinforcement providing enhanced compressive strength, stiffness and reduction of bulging under high compressive loads. Both types of rail pad have an LTP (laminated thermoplastic) surface, which is integrally molded to the pad material under heat and pressure.

Fabreeka rail pads have been used since 1962 and have been shown to provide up to a 40% reduction in runway/rail stresses while also providing a reduction in noise and vibration.

Features and Attributes

- **Improves wheel load distribution on rail**
- **Compensates for uneven surface between rail and structure**
- **Reduces rail stress/maintenance**
- **Eliminates fretting corrosion**
- **Width to suit rail type**
- **Lengths up to 25’**
- **LTP surface provides lateral rigidity and accommodates rail movement under extreme/heavy service duty**

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Maintenance workers replace steel plates with CR2-3 rail pad under rails of an unloader crane to reduce wear and vibration.

Photo courtesy of Posco Steel Corporation.

CR17-5 rail pad ready for installation under an ore bridge crane railway.

Photo courtesy of Ford Rouge Steel Complex.

Typical applications include:

Bridge Cranes
Dockside Cranes
Gantry Cranes
Ore Bridge Cranes
Log Handling Cranes
Production Cranes
Storage Yard Cranes
Warehouse Cranes
Equipment Handling Cranes

"U-Joint" prepared ends maintain rail contact with pad.

World Headquarters
Fabreeka International, Inc.
PO Box 210
1023 Turnpike Street
Stoughton, MA 02072
Tel: (800) 322-7352
Tel: (781) 341-3655
Fax: (781) 341-3983
E-mail: info@fabreeka.com
www.fabreeka.com

Canada
Fabreeka Canada Ltd
Tel: (800) 322-7352
Fax: (781) 341-3983
E-mail: info@fabreeka.com
www.fabreeka.ca

Germany
Fabreeka GmbH Deutschland
Hessenring 13
D-64572 Büttelborn
Tel: 49 - (0)6152-9597-0
Fax: 49 - (0)6152-9597-40
E-mail: info@fabreeka.de
www.fabreeka.de

England
ACE Fabreeka UK
Unit 404 Easter Park
Haydock Lane
Haydock WA11 9TH
Tel: 44 - (0)1942 727440
Fax: 44 - (0)1942 717273
E-mail: info@ace-fabreeka.com
www.fabreeka.co.uk

Taiwan
Fabreeka International, Inc.
PO Box 1246
Tainan 70499
Taiwan
Tel: 886-935 273732
E-mail: info@fabreeka.tw
www.fabreeka.com.cn

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