

**Key Industries:**

Beverage & Liquid
Food

Key Applications:

- 500-degree Fahrenheit (F) (260 C) heat tunnels for shrink-wrap case packers

Material:

- HTX

Chain style:

- 7748 MatTop Chain

Features:

- Heat dissipating chain design
- Engineered with proprietary material
- Molded-to-width available in 3-inch increments (76 millimeters)
- Pitch and link height allow for minimal adjustments to retrofits

Rexnord HTX7748 MatTop Chain for Heat Tunnel Applications

Proprietary and specially engineered heat stable material to withstand heat tunnel applications.

Rexnord FlatTop continuously develops solution-oriented, innovative conveyor chain and components to meet the increasing performance demands of high-speed and mass-flow containers in the beverage & liquid, and food industries. Our Rexnord® HTX™7748 MatTop® Chain for heat tunnel applications provides mitigated oxidation, increased uptime, reliability, and more, for your operation.

Proprietary and specially engineered heat stable material

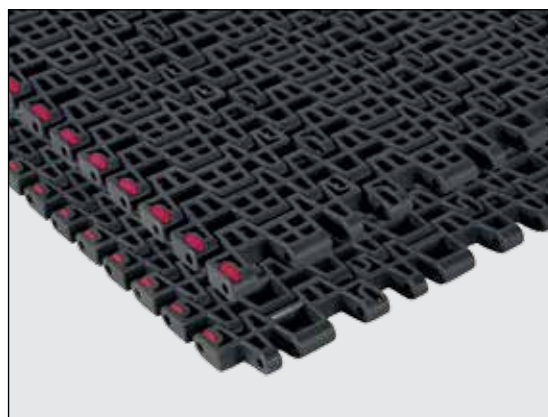
Rexnord HTX7748 MatTop Chain is designed with smooth surface and 42 percent open area to support heat dissipation through cooling cycles. Our proprietary and specially engineered heat stable material is formulated to withstand heat to cooling cycles of heat tunnels, ensuring uniform cooling with mitigated oxidation. Additionally, it allows for easy release of materials, which means less scrap, more uptime and longer chain life.

Engineered design for high performance and reliability

Our chain is designed for high performance and reliability with a heavy-duty plug and retention feature, stainless steel pins, and the Rexnord 7700 Series MatTop Chain proven base design. Rods remain in place for a stronger chain, and link replacement is mitigated, leading to more uptime and longer chain life.

Technical expertise

The combination of our chain design and technical expertise can help you choose durable conveyor systems that guarantee optimal product handling without compromising your ability to meet targets for safety improvements, increased productivity, water reduction, and energy savings. Contact your Rexnord FlatTop representative or our European Application Engineering team at +31 174 445 111 to review your application.

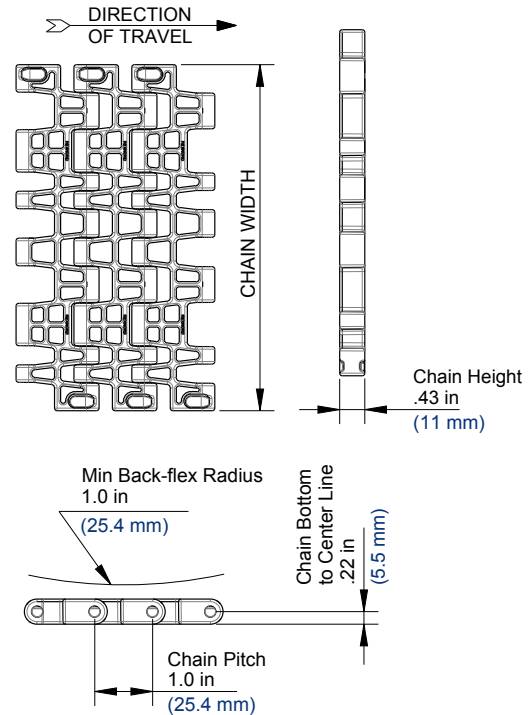


Rexnord HTX7748 MatTop Chain shown above.

Features and benefits:

- 1-inch (25 millimeters) pitch and .43-inch (11 millimeters) link thickness for easy retrofits and installation
- 42 percent open area for quick heat dissipation
- Smooth surface for easy release of materials, less scrap and maintenance
- Stainless steel rods for strength and chain life, and more uptime
- Uses Rexnord 7700 MatTop Sprockets for easy order processing
- Heavy-duty plug design with retention feature
- Material specifically designed to reduce oxidation, resulting in longer chain life

Rexnord HTX7748 MatTop Chain dimensions



Available Material

| Prefix | Chain Material | Standard Pin Material | Temperature | | | | | | Chain Strength* | | Approximate Weight | | FDA Approval |
|---------------------------|--------------------------|-----------------------|-------------|---------|---------|---------|---------|---------|-----------------|--------|---------------------|-------------------|--------------|
| | | | Fahrenheit | | | Celsius | | | lbs/ft | N/m | lbs/ft ² | Kg/m ² | |
| | | | min | max dry | max wet | min | max dry | max wet | | | | | |
| Standard Materials | | | | | | | | | | | | | |
| HTX | Extreme High Temperature | Stainless Steel | -40 | +275 | NR | -40 | +135 | NR | 2,000 | 29,180 | 2.12 | 10.36 | No |

Friction Factors Between Material and Product

| Operating Condition | Product Material | | | | | | |
|---------------------|------------------|---------------------------|------------------------------|-------|-------------------------------------|------|-------|
| | Aluminum | Returnable Glass Bottles* | Non-Returnable Glass Bottles | Paper | Plastic (crates, shrink-wrap, etc.) | PET | Steel |
| Dry | 0.25 | 0.27 | 0.20 | 0.33 | 0.25 | 0.25 | 0.30 |
| Water | NR | NR | NR | NR | NR | NR | NR |
| Soap and Water | NR | NR | NR | NR | NR | NR | NR |
| Oil | --- | --- | --- | NR | --- | --- | --- |

Friction Factors Between Material and Wearstrips

| Operating Condition | Wearstrip Material | | | |
|---------------------|----------------------------|--------|-------------|------|
| | Carbon and Stainless Steel | UHMWPE | Nylatron®** | ULF™ |
| Dry | 0.30 | 0.25 | 0.25 | 0.25 |
| Water | NR | NR | NR | NR |
| Soap and Water | NR | NR | NR | NR |
| Oil | --- | --- | --- | --- |

NR denotes "not recommended," dash denotes "combination not tested."

*Chain strength is listed at room temperature.

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