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## Rexnord 6990 ESD4 Series MatTop Chain Breakthrough Automotive Solution

Rexnord FlatTop continuously develops and introduces new conveyor products that meet the performance demands of the marketplace. In addition to reliable vehicle handling, automotive plants can benefit from the use of Rexnord® 6990 ESD4 Series MatTop® Chain by improving their efficiency, and promoting the comfort and safety of their workers.

### Designed for automotive applications

For automotive applications with shorter conveyors that require Electrostatic Dissipative (ESD) performance, Rexnord has developed the 6990 ESD4 Series MatTop Chain that is completely made from plastic.

### Customized for your application

Rexnord 6990 ESD4 Series MatTop Chain offers vast product line versatility for a wide range of applications which necessitate special or alternate performance needs. The Rexnord 6990 ESD4 Series MatTop Chain is offered in a smooth SolidTop as well as an anti-slip SafetyTop surface providing optional work surfaces for specific applications.

The Rexnord 6990 ESD4 Series MatTop Chain meets the ESD standard as set by the automotive industry (offering  $< 10^6$  to  $10^9 \Omega/\text{sq}$ ), making it suitable for applications where sensitive equipment is being installed, and provides a safe work environment. The Rexnord 6990 ESD4 Series MatTop Chain is also available in flame retardant material meeting DIN 4102-B1 (DIN EN 13501) standards according to insurance and local fire brigade demands.

The chain is designed to combine the quality of a conventional in-floor plate top conveying system with the ease of Rexnord MatTop Chain plastic modular construction. The Rexnord 6990 ESD4 Series MatTop Chain features:

- A smooth-running chain, eliminating slip-stick or pulsation, ensuring a comfortable ride for workers and/or vehicles
- Light and economical, full plastic ESD chain
- Easy installation and repair as a result of the modular design, twist-lock pin retention and light plastic parts



6990 ESD4 SolidTop



6990 ESD4 SafetyTop

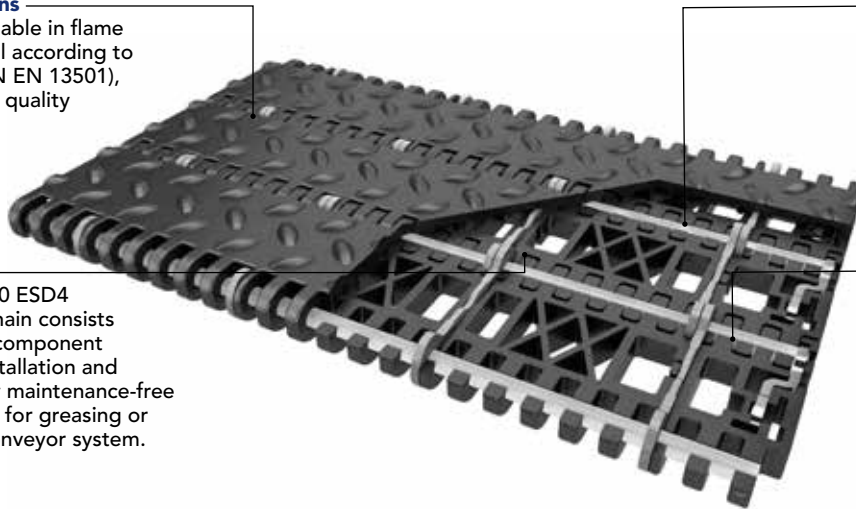
**Rexnord 6999 ESD4 Chain Execution**

**Meets Regulations**

Modules are available in flame retardant material according to DIN 4102-B1 (DIN EN 13501), or standard POM quality as required.

**Maintenance**

The Rexnord 6990 ESD4 Series MatTop Chain consists of one standard component enabling easy installation and operates virtually maintenance-free without the need for greasing or tensioning the conveyor system.



**Unique Design**

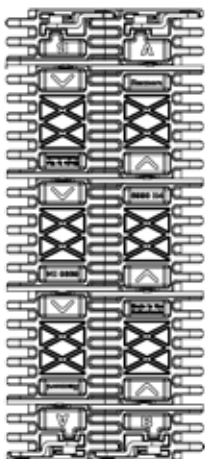
Provides a high-chain stiffness due to the amount of hinge eyes causing many shear points on the plastic pins, resulting in a stiff connection between the module's rows.

**ESD Standard**

The Rexnord 6990 ESD4 Series MatTop Chain offers a surface resistivity <math>< 10^6</math> to <math>10^9</math>  $\Omega</math>/sq (according to NEN-EN-IEC 61340-4-5), protecting sensitive electronic equipment and providing a safe environment for workers.$

Chain Type	Working Load (max)	Weight	Backflex Radius (min)	Certification
	lbs/ft / N/m	lbs/ft <sup>2</sup> / kg/m <sup>2</sup>	in / mm	
<b>6990 ESD4 Series With PP Pins</b>				
BM6995ESD4	3.427 / 50.000	3.40 / 16.76	3.00 / 76.2	NEN-EN-IEC 61340-4-5
BM6999ESD4	3.427 / 50.000	3.49 / 17.20	3.00 / 76.2	NEN-EN-IEC 61340-4-5
FR-PA6995ESD4	2.937 / 42.857	2.82 / 13.89	3.00 / 76.2	NEN-EN-IEC 61340-4-5 DIN4102-B1 (B <sub>Fr-s1</sub> )
FR-PA6999ESD4	2.937 / 42.857	2.89 / 14.26	3.00 / 76.2	NEN-EN-IEC 61340-4-5 DIN4102-B1 (B <sub>Fr-s1</sub> )
<b>6990 ESD4 Series With PBT Pins</b>				
BM6995ESD4	5.000 / 72.950	3.40 / 16.76	3.00 / 76.2	NEN-EN-IEC 61340-4-5
BM6999ESD4	5.000 / 72.950	3.49 / 17.20	3.00 / 76.2	NEN-EN-IEC 61340-4-5
FR-PA6995ESD4	4.286 / 62.529	2.82 / 13.26	3.00 / 76.2	DIN4102-B1 (B <sub>Fr-s1</sub> ) NEN-EN-IEC 61340-4-5
FR-PA6999ESD4	4.286 / 62.529	3.89 / 14.26	3.00 / 76.2	DIN4102-B1 (B <sub>Fr-s1</sub> ) NEN-EN-IEC 61340-4-5

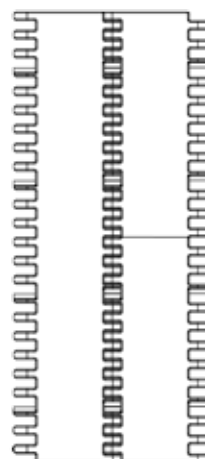
Chain widths available starting at 12 inches (305 millimeters) up to 240 inches (6,096 millimeters) in increments of 3 inches (76.2 millimeters). Note that for different chain materials, different production tolerances apply. Please contact Rexnord for the exact chain widths, as dimensions vary.



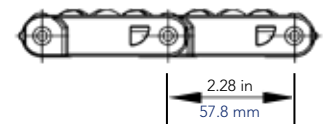
6990 ESD4 Execution



6999 SafetyTop



6995 SolidTop



6999 SafetyTop



6995 SolidTop