

CATALYST FOR SULFURIC ACID

XLP RIBBED RINGS



HEXA-LOBED RINGS
GR-310
GR-330
GR-Cs



RIBBED RINGS
XLP-110

XCs-120
SCX-2000



RINGS
LP-110
LP-310
Cs-110

PELLETS
T-11



WHY INDUSTRY LEADERS CHOOSE XLP RIBBED RINGS

To ensure a combination of high performance, long service life and energy efficiency, industry leaders specify MECS® XLP catalyst for their sulfuric acid plant's converter operations.

MECS, Inc. (MECS) offers a high performance catalyst for every sulfuric acid converter application. Our catalyst and process specialists will help you value engineer the ideal catalyst solution to optimize throughput, energy efficiency and reliability for your converter passes. As a result of the unique ribbed ring shape, extended surface area, proprietary formulation, and high manufacturing

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FEATURES AND BENEFITS

LOW SO₂ EMISSIONS AND RELIABLE ACID PRODUCTION

- Excellent catalytic activity from extended surface area design
- Effective dust control

ENERGY CONSCIOUS

- 12 mm ribbed ring for low pressure drop

PROVEN PERFORMANCE

- Industry standard for high velocity converters
- Proven durability for low screening losses

APPLICATION

- ALL converter passes
- High velocity converters

EFFICIENT INVENTORY MANAGEMENT

- All pass application:
 - Simplifies catalyst maintenance planning
 - Offers flexibility for unexpected replacement requirements



MECS[®]
CATALYST

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CATALYST FOR SULFURIC ACID XLP RIBBED RINGS

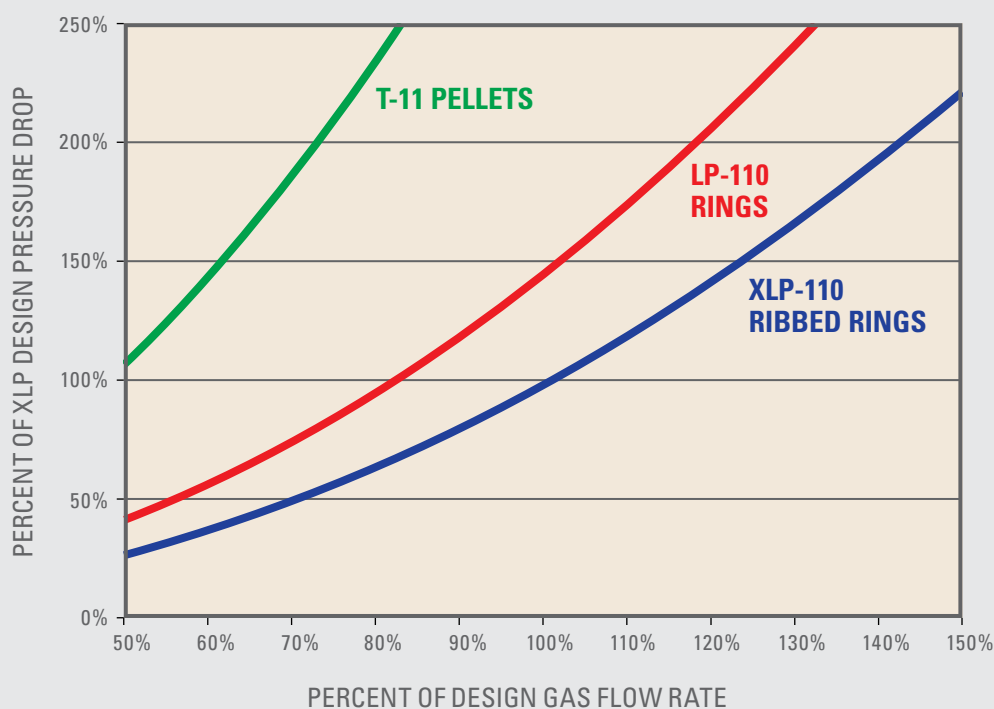
WHY INDUSTRY LEADERS CHOOSE XLP RIBBED RINGS *continued...*

quality standards, the XLP line of catalyst performs at low pressure drops with exceptional conversion performance. The proven track record of MECS® XLP has helped solidify ribbed ring style catalyst as the industry standard.

When balancing performance, operational flexibility and service life, leading sulfuric acid plant engineers specify MECS® XLP-110 for all their converter passes. For higher velocity converters the XLP ribbed rings provide approximately a 25% reduction in pressure drop compared to MECS® LP-110 ring catalyst. The material composition and chemical formulation of MECS® XLP-110 enables effective conversion for a multitude of gas conditions.



CATALYST PRESSURE DROP COMPARISON



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