

# CHR<sup>®</sup> MD15-03

## Aluminum – PTFE Tape

**CHR** MD15-03 tape is manufactured by **Saint-Gobain<sup>®</sup>** Performance Plastics Corporation, Tape Solutions business, and comes with PTFE coated aluminum with silicone pressure-sensitive adhesive.

## Features/Benefits

**CHR** MD15-03 is a versatile product intended for use in a variety of metal detectable heat sealing applications. MD15-03 is intended to be metal detectable by X-ray scanners and metal detectors that are installed at the end of food manufacturing lines to prevent foreign metal objects from being shipped inside food containers. Primarily used in heat sealing applications to give longer life before replacement, MD15-03 has improved heat transfer compared to PTFE fiberglass tapes which can translate to faster line speed and reduced energy consumption. MD15-03 conforms with FDA 21CFR 177.1550 for indirect food additives; conformance to this standard ensures that this tape is usable in direct food contact situations. MD15-03 contains no fiberglass fibers, which makes this a suitable process aid for the strict pharmaceutical manufacturing industry.

## Availability

Factory stock for **CHR** MD15-03 is 20 inches × 36 yard master logs and can also be supplied as slit rolls from 0.5 inch to 20 inch width. **CHR** MD15-03 is available with or without a liner. It is also available without adhesive as a PTFE coated aluminum foil.

## Applications

**CHR** MD15-03 used as a release surface in heat sealing applications for food or medical packaging. **CHR** MD15-03 can be used as laboratory surface protection sheets or to line trays in order to create a nonstick surface.



**CHR MD15-03 Properties**

Performance tests are run using standard test procedures.

The values presented are typical values and should not be used for specification purposes. Certified test reports for writing specifications are available.

Product Number	MD15-03
Backing Material	Aluminum-PTFE
Adhesive Type	Silicone
Total Thickness mm (mil)	0.14 (5.5)
Backing Thickness mm (mil)	0.09 (3.5)
Adhesive Thickness mm (mil)	0.05 (2.0)
Adhesion to Steel N/cm (oz/in)	6.6 (60)
Operating Temperature °C (°F)	-73 to +260 (-100 to +500)
Colour	Aluminum

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