



Rtx-2887/MXT-2887

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- Exceed all performance requirements for ASTM Test Method D-2887.
- Crossbond® stationary phase results in longer lifetimes and shorter conditioning, and allows solvent-rinsability.

MXT®-2887 are rugged fused-silica-Tined stainless steel columns that eliminate spontaneous breakage and tubing brittleness caused by high operating temperatures.

- Similar to DB-2887, Petrocol 2~87, Petrocol EX2~87.

Simulated distillation (SimDist) is a temperature-programmed analysis that determines the boiling range distribution of petroleum samples using gas chromatography. ASTM Test Method D-2887 is a commonly used method for petroleum products with a final boiling point less than 538°C (excluding gasoline). Although this technique has been used for more than 25 years with packed columns, ASTM D-2887 is currently under revision to permit the use of 0.53mm capillary columns. There are important column and instrument parameters that must be optimized to meet the criteria for column resolution, bleed, and peak skewing specified in ASTM Method D-2887.

The Rtx®-2887 and MXT®-2887 column dimensions, stationary phase, and film thickness have been optimized to exceed the resolution and skewing factor requirements specified in the current revision of the ASTM test method. Each column is individually tested with a hydrocarbon mixture to guarantee a stable baseline with low bleed and reproducible retention times.

The Crossbond' methyl silicone stationary phase has increased stability compared to packed columns, resulting in stable baselines and shorter conditioning times. The Rtx®-2887 MXT-2887 can be rejuvenated by solvent-rinsing. This ensures a column with run-to-run reproducibility and extended lifetime.

Applications:
simulated
distillation.

□ Rtx -2887 (Fused Silica)

(Crossbond® 100% dimethyl polysiloxane
- for Sim Dist) Stable to 360C

ID	df(um)	temp. limits	10-metre
0.53mm	2.65	-60 to 360°C	10199

MXT -2887 (Silcosteel)

(Crossbond® 100% dimethyl polysiloxane
- for Sim Dist) Stable to 400C

ID	df(um)	temp. limits	10-metre
0.53mm	2.65	-60 to 400°C	70199

Restek's
MXT®
columns
rugged, flexible
fused-silica-
lined, stainless



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