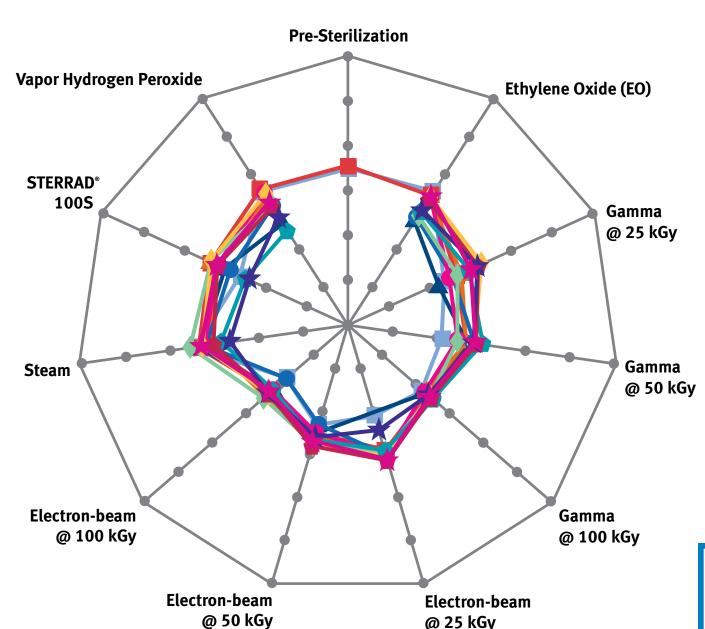
Effects of Sterilization and 1-, 3-, 5-, 7- & 10-Year Accelerated Aging on Material Tensile Strength (MD) for 1059B





Transition Protocol Material
10-Year Accelerated Aging
Control
10-Year Accelerated Aging

Transition Protocol Material 7-Year Accelerated Aging

Control
7-Year Accelerated Aging

Transition Protocol Material 5-Year Accelerated Aging

Control
5-Year Accelerated Aging

Transition Protocol Material 3-Year Accelerated Aging

Control
3-Year Accelerated Aging

Transition Protocol Material
1-Year Accelerated Aging

Control
1-Year Accelerated Aging

Transition Protocol Material
0-Year

Control 0-Year

ASTM D5034

Control = DuPont Tyvek 1059B

Center point = 0 lb_f/4 in.

Outer point = 150 lb_f/4 in.

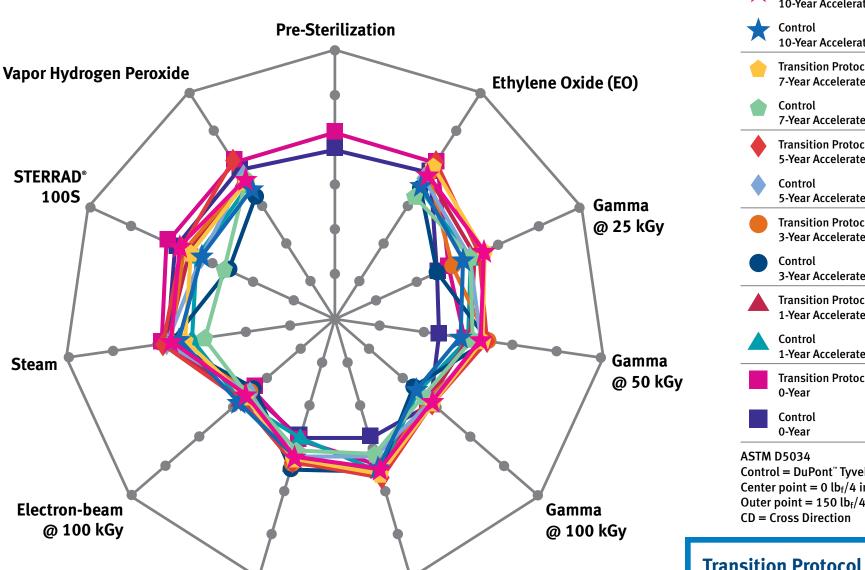
MD = Machine Direction

Transition Protocol material performance is equivalent to, or better than, current Tyvek.

Effects of Sterilization and 1-, 3-, 5-, 7- & 10-Year **Accelerated Aging on Material Tensile Strength** (CD) for 1059B



Transition Protocol Material



Electron-beam

@ 25 kGy

10-Year Accelerated Aging 10-Year Accelerated Aging **Transition Protocol Material** 7-Year Accelerated Aging 7-Year Accelerated Aging **Transition Protocol Material** 5-Year Accelerated Aging 5-Year Accelerated Aging **Transition Protocol Material** 3-Year Accelerated Aging 3-Year Accelerated Aging **Transition Protocol Material** 1-Year Accelerated Aging 1-Year Accelerated Aging **Transition Protocol Material** Control = DuPont Tyvek 1059B Center point = $0 lb_f/4 in$. Outer point = $150 lb_f/4 in$.

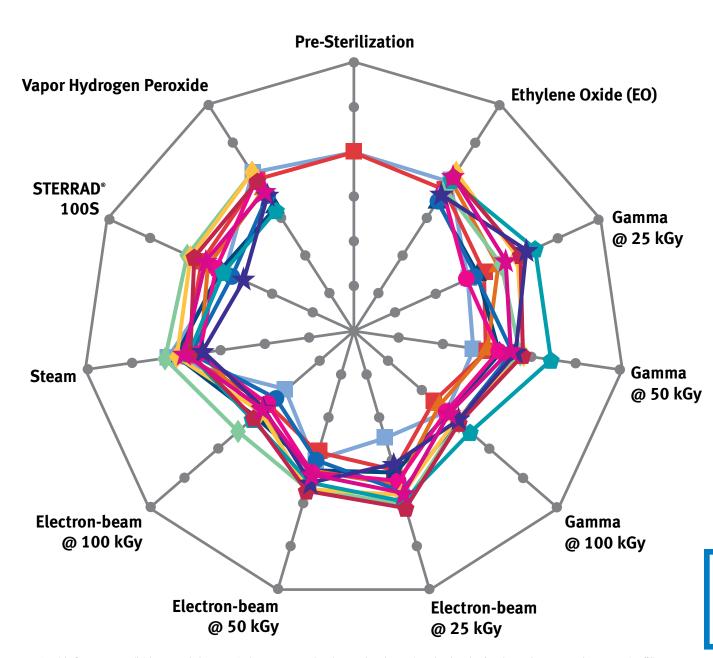
Transition Protocol material performance is equivalent to, or better than, current Tyvek®.

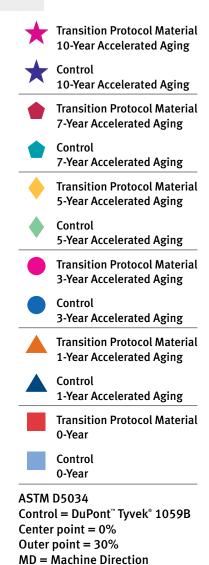
Electron-beam

@ 50 kGy

Effects of Sterilization and 1-, 3-, 5-, 7- & 10-Year Accelerated Aging on Material Elongation (MD) for 1059B



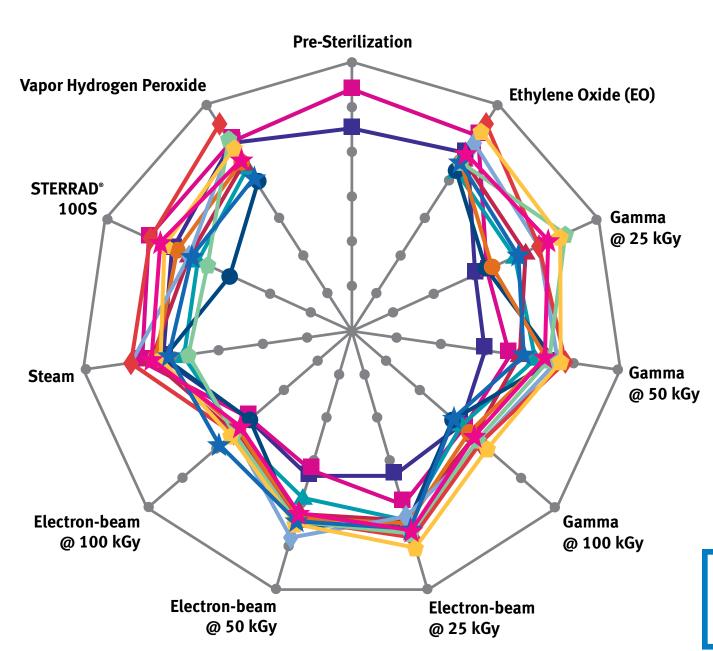




Transition Protocol material performance is equivalent to, or better than, current Tyvek.

Effects of Sterilization and 1-, 3-, 5-, 7- & 10-Year Accelerated Aging on Material Elongation (CD) for 1059B





Transition Protocol Material 10-Year Accelerated Aging Control 10-Year Accelerated Aging **Transition Protocol Material** 7-Year Accelerated Aging Control 7-Year Accelerated Aging **Transition Protocol Material** 5-Year Accelerated Aging Control 5-Year Accelerated Aging Transition Protocol Material 3-Year Accelerated Aging Control 3-Year Accelerated Aging **Transition Protocol Material** 1-Year Accelerated Aging

ASTM D5034
Control = DuPont Tyvek 1059B
Center point = 0%
Outer point = 30%
CD = Cross Direction

1-Year Accelerated Aging

Transition Protocol Material

Control

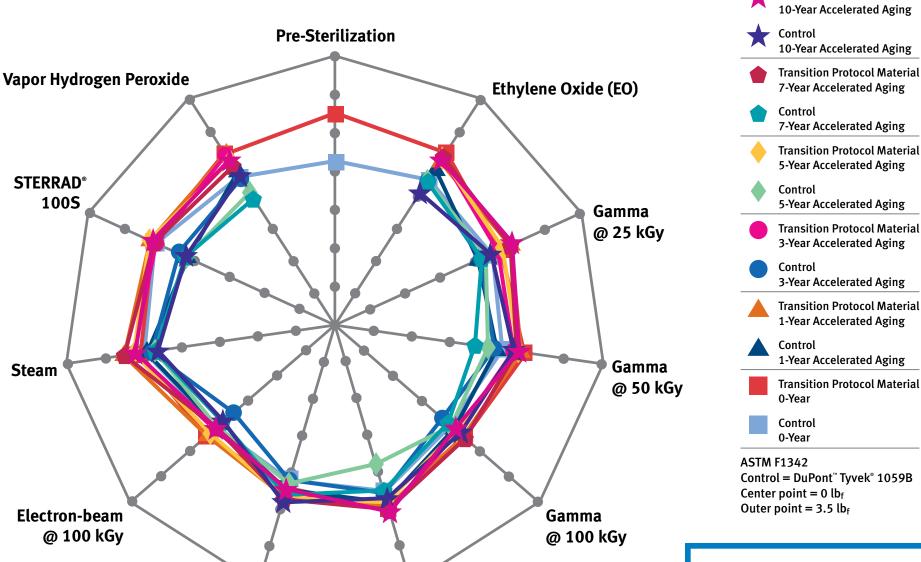
0-Year Control 0-Year

Transition Protocol material performance is equivalent to, or better than, current Tyvek.

Effects of Sterilization and 1-, 3-, 5-, 7- & 10-Year Accelerated Aging on Material Puncture Strength for 1059B



Transition Protocol Material



Electron-beam

@ 25 kGy

Transition Protocol material performance is equivalent to, or better than, current Tyvek.

Electron-beam

@ 50 kGy