

# A history of helping protect people, improve lives and enhance productivity

1950s  
and 60s



- Developed early forms of hearing protection that would become 3M™ PELTOR™ Solutions

1970s



- Launched first NIOSH-approved filtering facepiece respirator



- Launched 3M™ E-A-R™ Classic™ Earplugs



- Offered powered air-purifying respirators and reusable half facepiece respirators

1980s



- Designed the first qualitative fit test that can be used with filtering facepiece respirators

- Introduced reusable respirators with chemical cartridges, providing better peripheral vision and weight distribution

1990s



- Launched portable fit testing for hearing protection, building upon proprietary algorithms to analyze sound levels in the ear

Developed “no roll-down” 3M™ E-A-R™ Express™ Pod Earplugs

2000s



- Introduced 3M™ VFlex™ Particulate Respirator with flat-fold design



- Developed the first disc-shaped P100 particle filter with NIOSH approval for hydrogen fluoride, providing lower breathing resistance than any cartridge/particle filter combination on the market



- Introduced 3M™ Cool Flow™ Exhalation Valve for reduced heat and moisture in the 8511 disposable respirator, later incorporating the technology into reusable respirators



- Launched 3M™ lightweight full facepiece respirator 6000 Series, offering best-in-class field of view



- Developed first disc filters with loaded web-filter media – the first non-woven, non-fibreglass filters



- Introduced the 3M™ DBI-SALA® Sealed-Blok SRL which incorporates a patented concept that separates all dynamic components – including the motor spring and brake – from external elements

Introduced full-body suit, protective coveralls



- Introduced 3M™ Versaflo™, a powered air-purifying and supplied air respirator system



- Developed first full facepiece respirator with 3M™ Scotchgard™ Protector coating and comfort head cradle, 3M™ Ultimate FX Full Facepiece Respirator FF-400 Series



- Introduced versatile 3M™ DBI-SALA® Nano-Lok™ SRLs, ideal for replacing traditional lanyards



- Designed ergonomic load distribution system built into 3M™ DBI-SALA® ExoFit™ STRATA™ Full-Body Harness



- Introduced Inspection & Asset Management Platform under 3M™ Connected Safety Platform Technology

Decades of  
**Safety Leadership**

- Today, 3M continues to make advances in health and safety to help protect people in over 20 industries worldwide

#3MScienceOfSafety