global Expansion to meet the growing bemands of Biopharma

Your Supply, Our Focus

Mobius[®] Single Use Capacity Improvements

- Over 4x greater global manufacturing capacity for Mobius[®] Single Use by 2025
- 6 operational efficiency projects to increase manufacturing output
- 120,000 sq. ft. new clean room space by mid-2022

Cell Culture Media Capacity Improvements

- 100% new capacity added for dry powder media production*
- 19 operational efficiency projects to increase manufacturing output

Filtration Capacity Improvements

Percent New Capacity Added*

- 300% Viresolve® Pro filters
- 300% Pellicon® 3 cassettes
- 260% Millistak+® HC filters
- 100% Millistak+® HC Pro filters
- 33% Clarisolve® filters
- 300% Millipore Express® Small-Scale Capsules
- 100% Durapore® Small-Scale Capsules
- 8 operational efficiency projects to increase manufacturing output

Millipore SigMa 2022 2026/2027 **New capacity for Immersion** large-scale compaction, casting line for Irvine, UK **Durapore® and** 2020-2021 2021-2024 Millipore Express® Site upgrades to **New production** membranes, increase dry powder lines to support Cork, IE cell culture media depth filtration, output, Irvine, UK & Waupaca, WI Darmstadt, DE 2021-2022 2020-2021 New depth New single use 2021-2022 filtration site, site and capacity Hickory, NC New single use site, additions, Wuxi, CN 2024 NovaSeptum® New filtration systems expansion 2021 2024 manufacturing Molsheim, FR Single use center, Single use site, Wuxi, CN site expansion, 2025 Blarney, Danvers, MA Single use ΙE center 2024 2023 **New immersion** Additional dry casting line 2022 powder cell culture Millipore Express® 2021-2023 media capacity, Dry powder cell **PES** membranes Nantong, CN Filtration site culture media 2022 Darmstadt, DE expansion, Lenexa, KS expansion and new **New filtration** production lines, 2022 manufacturing Jaffrey, NH **ImMEDIAte** Advantage® center site, expansion, Peenya, Lenexa, KS IN 1250 Integrated supply chain headcount added in 2021

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^{*} Percent increase over 2020 production