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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 6-K**

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**REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13a-16 OR 15d-16  
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

**For the month of October 2026**

**Commission File Number: 001-36515**

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**Materialise NV**

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**Technologielaan 15  
3001 Leuven  
Belgium  
(Address of principal executive office)**

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Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F ☒ Form 40-F ☐

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Attached as Exhibit 99.1 hereto is a copy of a press release regarding Materialise NV's ADS Buyback Program.

EXHIBIT INDEX

| Exhibit              | Description                                         |
|----------------------|-----------------------------------------------------|
| <a href="#">99.1</a> | <a href="#">Press Release dated October 5, 2026</a> |

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**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

MATERIALISE NV

By: /s/ Brigitte de Vet-Veithen  
Name: Brigitte de Vet-Veithen

De Vet Management BV  
Title: Chief Executive Officer

Date: October 5, 2026

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**MATERIALISE  
SHARE-BUY BACK PROGRAM**

**Leuven – 5 October 2026 – 22h00 CET**

**Regulated information<sup>1</sup>**

Materialise reports on the progress of its share buy-back program announced on 30 October 2025.

**5 October 2026** – Materialise NV (Euronext: MTLN) (Nasdaq: MTLN) (“Materialise”) (“the Company”) hereby discloses certain information in relation to its share buyback program announced on 30 October 2025, in accordance with Article 8:4 of the Royal Decree of 29 April 2019 implementing the Belgian Code on Companies and Associations. Under this program, Materialise has granted a discretionary mandate to an independent financial intermediary to repurchase Materialise shares for an amount of up to EUR 30 million.

Materialise reports the purchase of 108,902 Materialise shares in the period from 28 September 2026 up to and including 2 October 2026. The shares were repurchased at an average price of 7.54 EUR per share for a total consideration of 821,459 EUR.

108,902 shares were repurchased through the central order book of the following exchanges:

| <b>Date of repurchase</b> | <b>Exchange</b> | <b>Number of shares</b> | <b>Total amount (EUR)</b> | <b>Total amount (USD)</b> | <b>Average price (EUR)</b> |
|---------------------------|-----------------|-------------------------|---------------------------|---------------------------|----------------------------|
| 28-Sep-2026               | NASDAQ          | 10,035                  | 73,729                    | 83,889                    | 7.35                       |
| 29-Sep-2026               | NASDAQ          | -                       | -                         | -                         | -                          |
| 30-Sep-2026               | NASDAQ          | 30,222                  | 230,707                   | 261,967                   | 7.63                       |
| 01-Oct-2026               | NASDAQ          | 44,579                  | 335,132                   | 378,632                   | 7.52                       |
| 02-Oct-2026               | NASDAQ          | 24,066                  | 181,892                   | 204,174                   | 7.56                       |
| <b>Total of the week</b>  |                 | <b>108,902</b>          | <b>821,459</b>            | <b>928,661</b>            | <b>7.54</b>                |

No shares were repurchased through cross trades or block trades.

Since the start of the share buy-back program on the 26<sup>th</sup> of January 2026, Materialise has bought back 1,495,429 shares for a total amount of 7,999,380 EUR (9,280,730 USD) under the share buy-back program. This corresponds to 2.5% of the total shares outstanding.

Materialise currently holds 1,495,429 of its own shares.

The overview relating to the share buy-back program is available on <https://investors.materialise.com/> and will be updated on a weekly basis.

<sup>1</sup> The enclosed information constitutes regulated information as defined in the Belgian Royal Decree of 14 November 2007 regarding the duties of issuers of financial instruments which have been admitted for trading on a regulated market.



## About Materialise

Materialise incorporates more than three decades of 3D printing experience into a range of software solutions and 3D printing services that empower sustainable 3D printing applications. Our open, secure, and flexible end-to-end solutions enable industrial manufacturing and mass personalization in various industries — including healthcare, automotive, aerospace, eyewear, art and design, wearables, and consumer goods. Headquartered in Belgium and with branches worldwide, Materialise combines the largest group of software developers in the industry with one of the world's largest and most complete 3D printing facilities.

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