

North America Medical Tubing Market Forecast to 2028 – COVID-19 Impact and Regional Analysis– by Material [Polyvinyl Chloride (PVC), Polyimide/Nylons, PTFE/Thermoplastic Elastomers (TPES), Thermoplastic Polyurethanes (TPUS), Polyvinylidene Fluoride (PVDF), Polypropylene and Polyethylene, Silicon, and Others], Structure (Single-Lumen, Multi-Lumen, Multi-Layer Extruded Tubing, Tapered or Bump Tubing, Braided Tubing, Balloon Tubing, Corrugated Tubing, Heat Shrink Tubing, and Others), Application (Bulk Disposable Tubing, Catheter & Cannula, Drug Delivery System, and Others), and End User (Hospitals and Clinics, Ambulatory Care Centres, Medical Device Companies, Laboratories, and Others)

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Abstracts

The North America medical tubing market is expected to grow from US\$ 4,753.37 million in 2022 to US\$ 6,936.79 million by 2028. It is estimated to record a CAGR of 6.5% from 2022 to 2028.

Increase in Number of Patients Requiring Tube Feeding Drives North America Medical Tubing Market

A feeding tube is used to provide nutrients to patients who don't get enough nutrition

from ingested food. A medical tube is inserted in the stomach or small intestine to deliver liquid nutrition directly. Tube feeding procedure is prescribed to patients suffering from gastrointestinal dysfunction, head and neck cancer (which make swallowing difficult), neurological disorders such as stroke and paralysis, and other medical conditions.

Crohn's disease, a gastrointestinal disease associated with trauma; bowel obstruction (BO); microscopic colitis; short bowel syndrome; and ulcerative colitis are a few gastrointestinal disorders. The American Cancer Society estimated 26,380 new cases (including 15,900 men and 10,480 women) of stomach cancer (gastric cancer) in the US for 2022. According to the Centre for Disease Control and Prevention (CDC) data in 2020, one stroke case is reported in every 40 seconds in the US. As these patients cannot consume food orally, enteral nutrition is preferred for feeding these patients to meet their nutrient requirements.

Therefore, a surge in the number of patients suffering from gastrointestinal dysfunction, head and neck cancer (which make swallowing difficult), and neurological disorders such as stroke and paralysis boosts the demand for tube feeding, thus driving the North America medical tubing market growth.

North America Medical Tubing Market Overview

The North America medical tubing market is segmented into the US, Canada, and Mexico. The US held the largest share of the market in 2021. The growing prevalence of chronic diseases followed by rising research and development activities by various major firms, increasing expenditure on patient care, and rising preference for intravenous nutrition ultimately drive the overall North America medical tubing market growth during the forecast period.

North America Medical Tubing Market Revenue and Forecast to 2028 (US\$ Million)

North America Medical Tubing Market Segmentation

The North America medical tubing market is segmented on the basis of material, structure, application, end user, and country.

Based on material, the North America medical tubing market is segmented into Polyvinyl chloride (PVC), polyimide/nylons, PTFE/thermoplastic elastomers (TPES), thermoplastic polyurethanes (TPUS), polyvinylidene fluoride (PVDF), polypropylene and

polyethylene, silicon, and others. The polyvinyl chloride (PVC) segment held the largest market share in 2022.

Based on structure, the North America medical tubing market is segmented into single-lumen, multi-lumen, multi-layer extruded tubing, tapered or bump tubing, braided tubing, balloon tubing, corrugated tubing, heat shrink tubing, and others. The single-lumen segment held the larger market share in 2022.

Based on application, the North America medical tubing market is segmented into bulk disposable tubing, catheter & cannula, drug delivery system, and others. The bulk disposable tubing segment held the largest market share in 2022.

Based on end user, the North America medical tubing market is segmented into hospitals and clinics, ambulatory care centres, medical device companies, laboratories, and others. The hospitals and clinics segment held the largest market share in 2022.

Based on country, the North America medical tubing market is segmented into the US, Canada, and Mexico. The US dominated the market share in 2022.

Accu-Tube LLC, Compagnie de Saint Gobain SA, Freudenberg Medical LLC, GlobalMed Inc, MicroLumen Inc, Nordson Corp, Optinova AB, Polyzen Inc, Spectrum Plastics Group Inc, and TE Connectivity Ltd are among the leading companies operating in the North America medical tubing market.

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