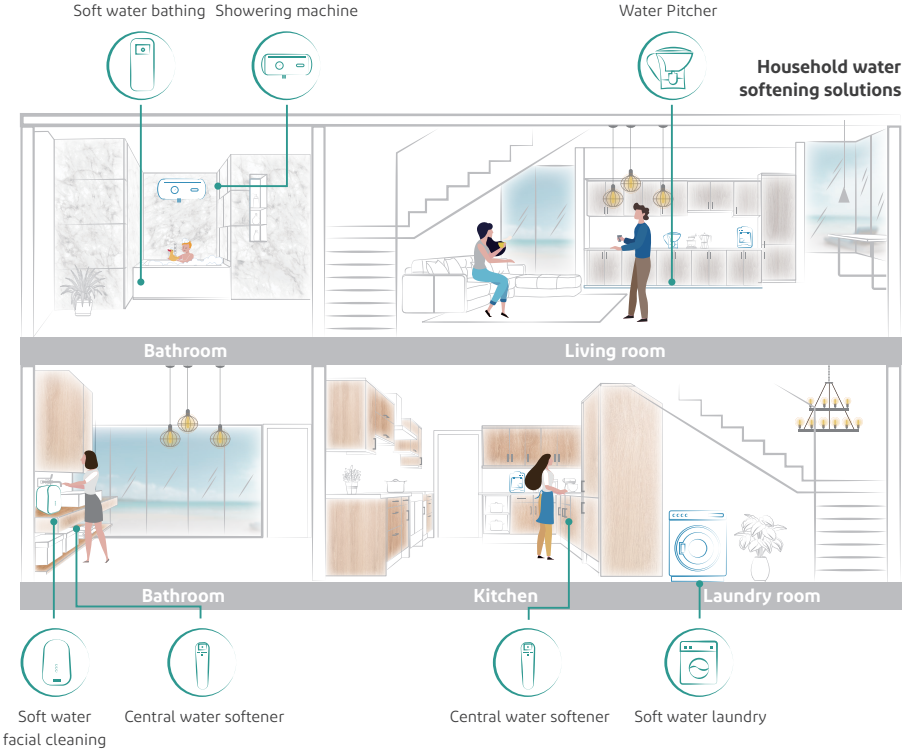
DuPont™ TapTec™ Household Water-softening Resin Solution

DuPont Water Solutions
WeChat Official Account

DuPont™ TapTec™ Household Water-Softening Resin Solution

Hard water— water that contains significant quantities of dissolved minerals like calcium and magnesium—can have many adverse effects in the home and end up losing you more money in the long run. Brewing tea or making coffee with hard water result in bad taste. Clothing washed in hard water tends to look dingy. Hair washed in hard water can feel sticky and look dull. Dishes are often left with spots and residue. Bathing with hard water is bad to your skin's health. Moreover, hard water build-up can take a toll on household appliances too—they don't last as long and consume more energy. While the quality of water sources varies considerably worldwide, people's expectations do not waver. Like every homeowner, you want to know that the water you use at home is the best quality available- for limiting hardness deposits throughout the home.

How to remove hard water effectively? There is an effective way to address the problem of hard water in your home, however, through water softening systems that contain ion exchange resins. These resins are also the heart of POU cartridges designed to purify water for drinking purposes. Originated from the world renowned DuPont™ Amberlite™ and Dow™ Dowex™ ion exchange resin technology from the U.S.A. DuPont™ TapTec™ household ion exchange resins inherit the 80 years history of innovation, enjoy the excellent market reputation. As a resin brand targeted for the household market, DuPont™ TapTec™ is committed to its excellent performance, reputation, and trust by water softener suppliers, innovating on new applications, and meeting every family's needs for high quality water, with them the comfortable and high quality life experience that results from soft water.



DuPont™ TapTec™ HP333C H or HP333C K Household Water-Softening Resin

- Designed for softening cartridge filter applications which can effectively remove hardness and heavy metals and helps improve the taste of water.
- Analyzed to facilitate its compliance with high-purity specification and helps enable longer shelf life.
- Excellent total exchange capacity in the industry which is higher than 4.5eq/L.
- Available in hydrogen and potassium ionic forms.
- Health grade processing, longer shelf life.

DuPont™ TapTec™ SR1L Na QP Household Water-Softening Resin

- Extensive testing validates the suitability for drinking water applications.
- Certified by many countries around the globe (China's MOH, USA's NSF&FDA, DGS, Switzerland's SVGW, UK's WRAS) in terms of safety and hygiene* for the health and safety of you and your family.
- Excellent performance (total exchange capacity of 2.05eq/L); according data, its periodic water production volume is up to 20% higher than in-class products, while its salt consumption of tons of water is much lower to usage

DuPont™ TapTec™ HCRSSN Na Household Water-Softening Resin

- Wide-spectrum cation exchange resin with strong acidity, suitable for home water-softening.
- Features excellent physical chemical, and thermal stability, controlled by strict manufacturing standards, therefore meeting the cleanliness requirements of household water.
- Outstanding performance (total exchange capacity of 1.95eq/L) matched with high performance-price ratio.

DuPont™ TapTec™ 350 UPS Na Household Water-Softening Resin

- Uniformed granules for higher regeneration efficiency.
- Exchange capacities ≥ 2.2eq/L.
- Periodic water production capacity is 20% higher than SR1L Na QP, with lower salt consumption.
- Stronger mechanical stability compared to lower crosslinked resins.
- Significantly higher oxidative stability.

DuPont™ TapTec™
Household Water-Softening Resin Product

Product Series		
Applications	**Product Model**	**Original Product Name**
Water Softener (Ultra Clean)	TapTec™ SR1L Na QP Cation Exchange Resin	AMBERLITE™ SR1L QP Na Ion Exchange Resin
Water Softener (Wide Spectrum)	TapTec™ HCRSSN Na Ion Exchange Resin	DOWEX™ HCR S/SN Ion Exchange Resin
Water Softener (High-efficiency Granule)	TapTec™ 350 UPS Na Ion Exchange Resin	DOWEX™ MONOSPHERE C-350 CAT Ion Exchange Resin
Water Softener (High-efficiency Granule)	TapTec™ 400 UPS Na Ion Exchange Resin	DOWEX™ MONOSPHERE C-400 CAT Ion Exchange Resin
Water Pitcher Filter	TapTec™ HP333C H Ion Exchange Resin	IMAC™ HP333C H Ion Exchange Resin
Water Pitcher Filter	TapTec™ HP333C K Ion Exchange Resin	IMAC™ HP333C K Ion Exchange Resin

*For further details regarding the specific registration/compliance issues, please contact your nearby DuPont office.

80TH ANNIVERSARY

DuPont™ TapTec™ Household Water-Softening Resin, An Industry Leader

Originated from the world renowned DuPont™ Amberlite™ ion exchange resin technology from the U.S.A. our TapTec household ion exchange resins inherit the 80 years history of innovation, enjoy the excellent market reputation and continue to thrive on innovative technologies to bring alive optimized product portfolio with enriched brand connotations

1935
The birth of ion exchange technology

1939
Rohm & Haas exchange resin brand Amberlite was born

1980
Acquired Doulite

2009
Dow Chemical acquired Rohm & Hass and expanded its ion exchanges resin product line, leading the way in many fields such as nutrition and health, medicine, food and beverage, ultrapure water for semiconductors, and nuclear power.

1990
AMBERJET™ uniform granular resin was launched

2017
Dow Chemical and DuPont Company merged.

2018
Product line was consolidated into Amber series

2019
Launching a new brand for the household water purification market, DuPont™ TapTec™ household cation exchange resin was available to the market.

DuPont™ TapTec™
Household Water-Softening Resin Solution is here to help

DuPont has been a partner to the household water treatment industry for decades, with a history of innovations in Ion exchange resin and membrane technologies that have driven key improvements in safety, productivity and efficiency. Our global R&D capability and productivity allow us to address specific local water conditions and requirements, with a holistic focus on water quality based design and research, providing improved performance with optimized solutions.

Research Centers
Midland | USA
Edina | USA
Collegeville | USA
Huzhou | China
Tarragona | Spain
Thuwal | Saudi Arabia
Shanghai | China

Manufactured in
Chauny | France
Edina | USA
Fombio | Italy
Huzhou | China
Jubai Industry City | Saudi Arabia Midland | USA
Menlo Park | USA
QingPu | China
Soma | Japan

Business Centers
Accra | Ghana
Al Khubar | Saudi Arabia
Algiers | Algeria
Astana | Kazakhstan
Bangkok | Thailand
Budapest | Hungary
Dubai | UAE Horgen | Switzerland
Istanbul | Turkey
Shanghai | China
Johannesburg | South Africa
Kuala Lampur | Malaysia
Lagos | Nigeria
Moscow | Russia
Mumbai | India
Nairobi | Kenya
Rheinmumster | Germany
Sao Paulo | Brazil
Seoul | South Korea
Sydney | Australia
Tokyo | Japan
Warsaw | Poland

For any questions or inquiries, please contact us at: dupont.com/water/contact-us

DUPONT

Water Solutions

Form No. 45-D03466-en, Rev.1, PICO
December 2023