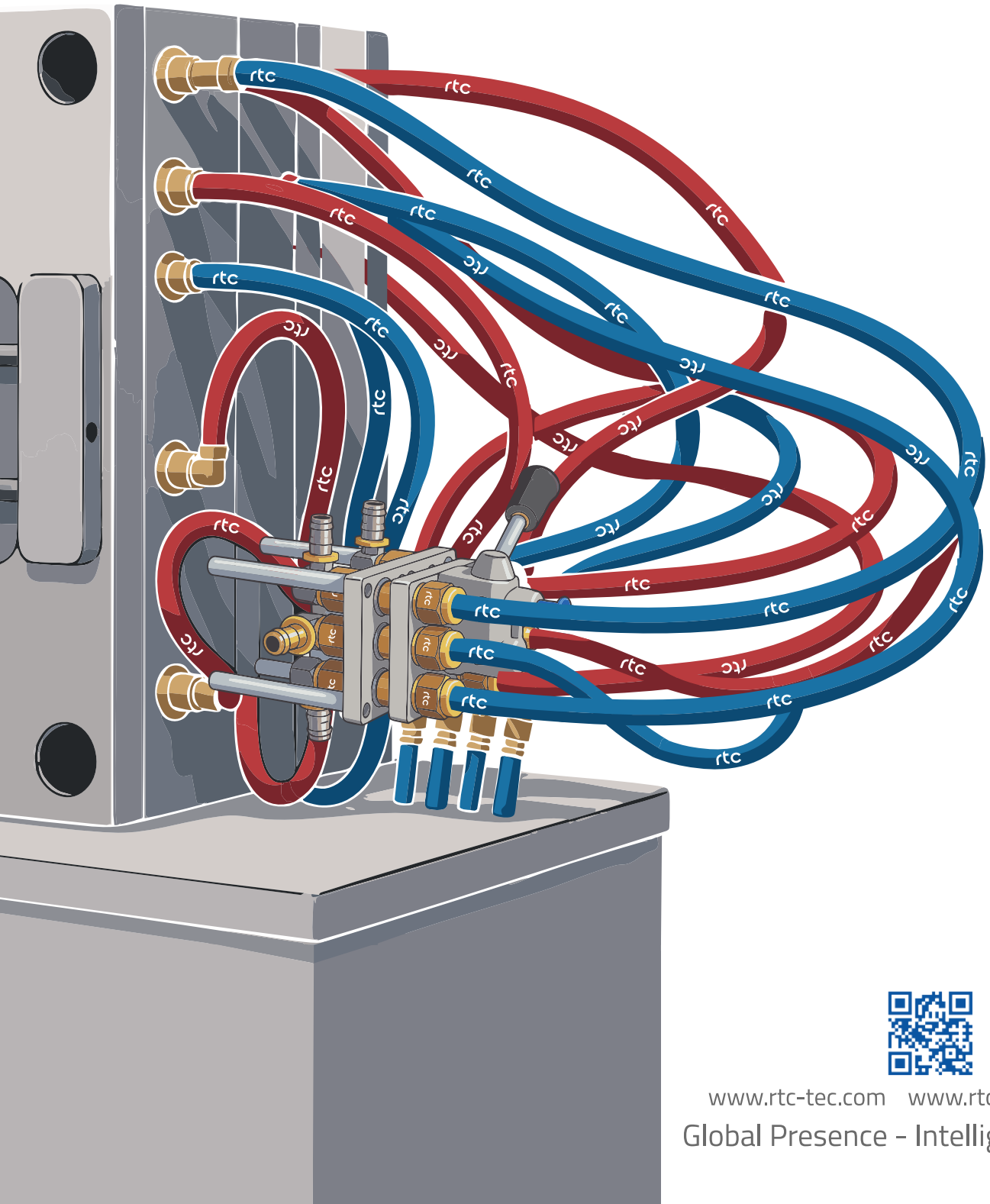
COUPLING TECHNOLOGY

General Instructions for **Push to Connect Hoses**



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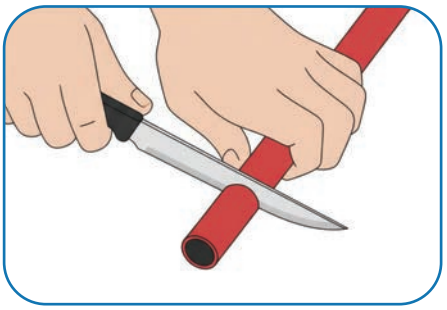
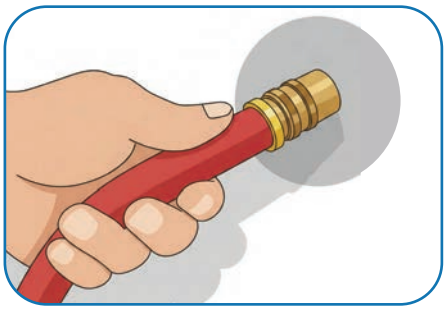
General Instructions for Push Lock Hoses

The RTC Push To Connect Hose system offers simple, fast, reliable, and tool-free installation. No clamps or special tools are required, making the assembly process quick and effortless, resulting in significant time savings and reduced labour costs and a clean, organized work environment. Thanks to RTC's exclusive color-coding system, hose identification, inventory management, and maintenance become significantly more streamlined and efficient.

Assembly

In order to keep hose square and maintain the integrity of material, cut hose perpendicularly with a sharp knife or RTC Hose Cutter. Lubricate fiting and hose with light oil or soapy water only (if necessary); avoid oils or greases, but approved water-soluble lubricants like RTC Oil can reduce friction and dry without harming the connection.

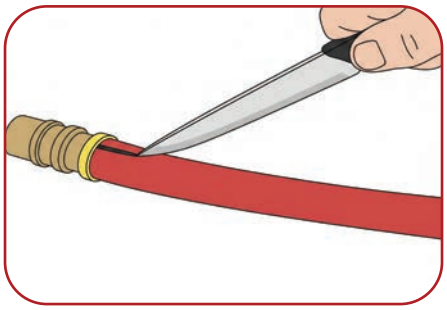




Place the fitting against a flat surface (bench or wall). Grip the hose 1 inch from the end and push firmly without buckling until it reaches the yellow stop, then pull back slightly. Fittings grip the hose properly only if the cut end is pushed fully inside and hidden by the yellow plastic cap.

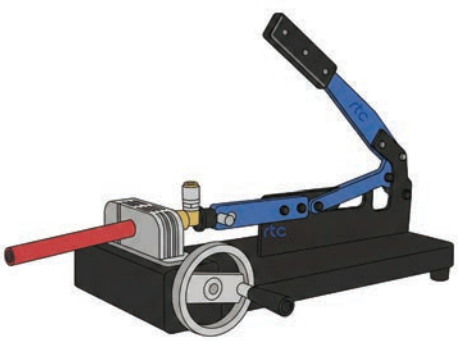
Disassembly

Slightly cut the hose lengthwise about one inch with a knife, being careful not to damage the nipple; after cutting, grip and bend hose and pull the nipple out of the hose, and it can be reused.



Hose Assembly Tool

Several factors complicate assembly: colder hoses resist expanding over fitting barbs; smaler diameter hoses are hardest to instal and grip. Maintaining steady pressure and feed rate is crucial. Stopping to reposition can cause the hose to grip the first barbs, making progress difficult and sometimes requiring a restart. Angled fitings (90°,45°,banjo) are chalenging since they lack a surface to push against; using a vice can damage parts. If needed, you can also use a RTC hose assembly tool.



Hose Lubricant

- Avoid slipping & injuries
- Reduce installiation force
- Achieve closer fits
- Increase output rates

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