

# KNIPEX 90 25 25

Pipe cutter for composite and plastic pipes





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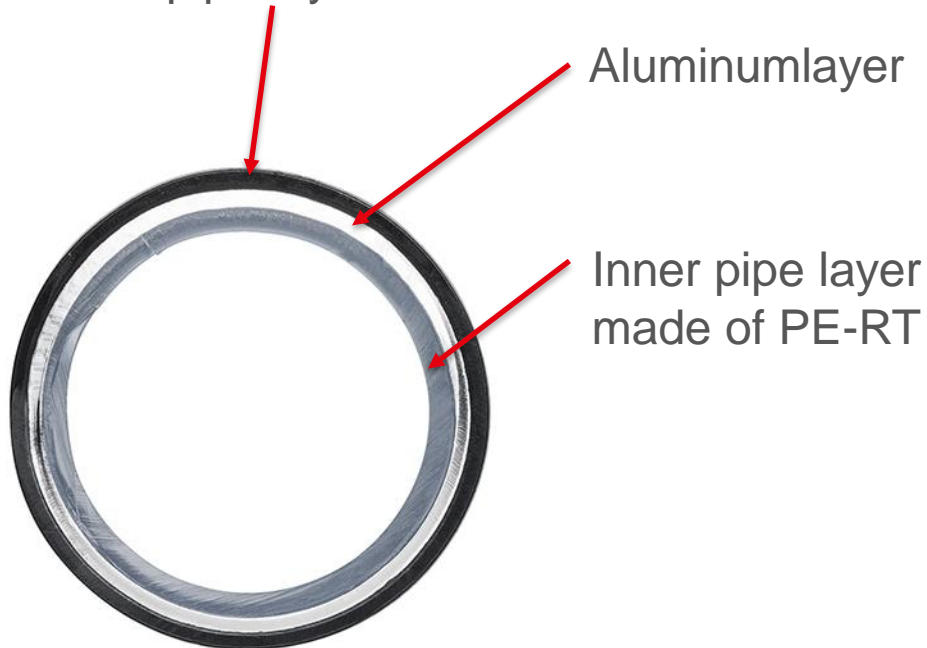
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## What is composite pipe???

Outer pipe layer made of PE-RT



Aluminumlayer

Inner pipe layer  
made of PE-RT

### Advantages:

- + Cheap
- + Easy installation process
- + High corrosion resistance

### Most used diameters:

> Ø 16, 20 und 25mm

### Available as bar or from the roll:

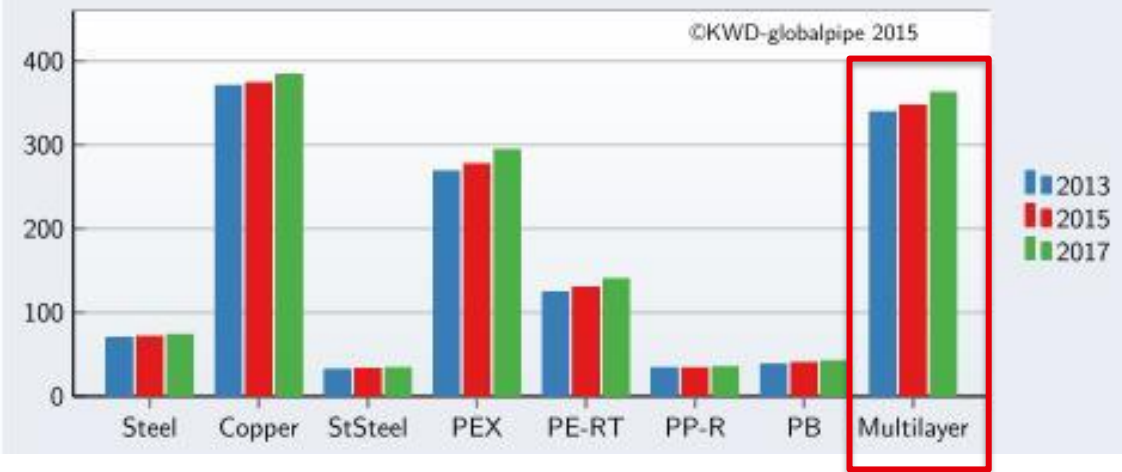


Source: Geberit

## Market share – Composite pipe

### Development of Pipe Consumption in Europe

Europe 2013 - 2015 - 2017: Pipes in Million Meters

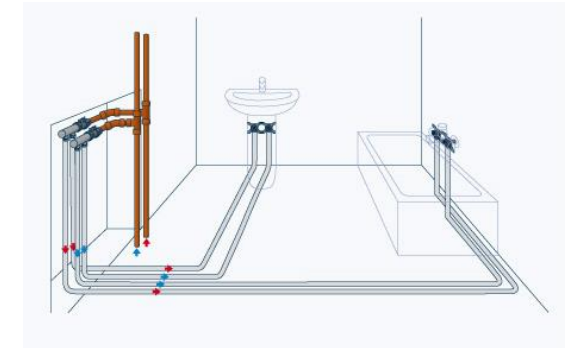
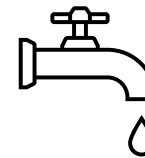


Source: Globalpipe.de

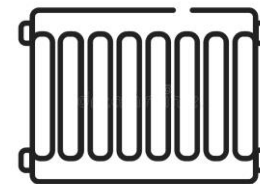


**Composite pipe is together with copper the most used pipe**

## Applications

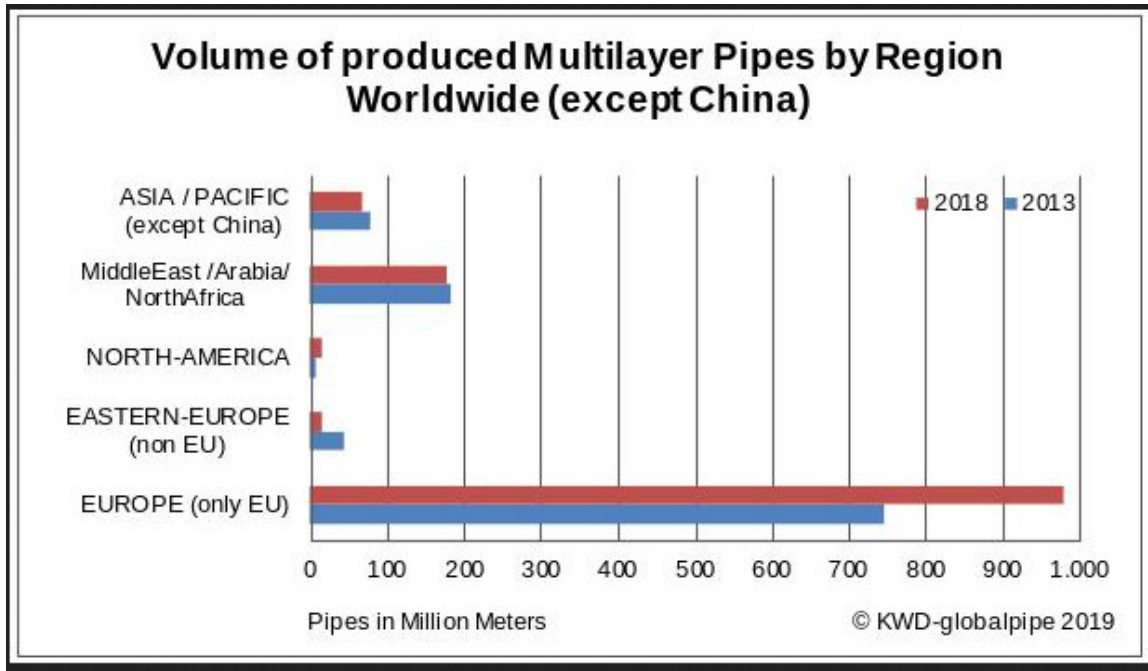


Source: Wiroflex

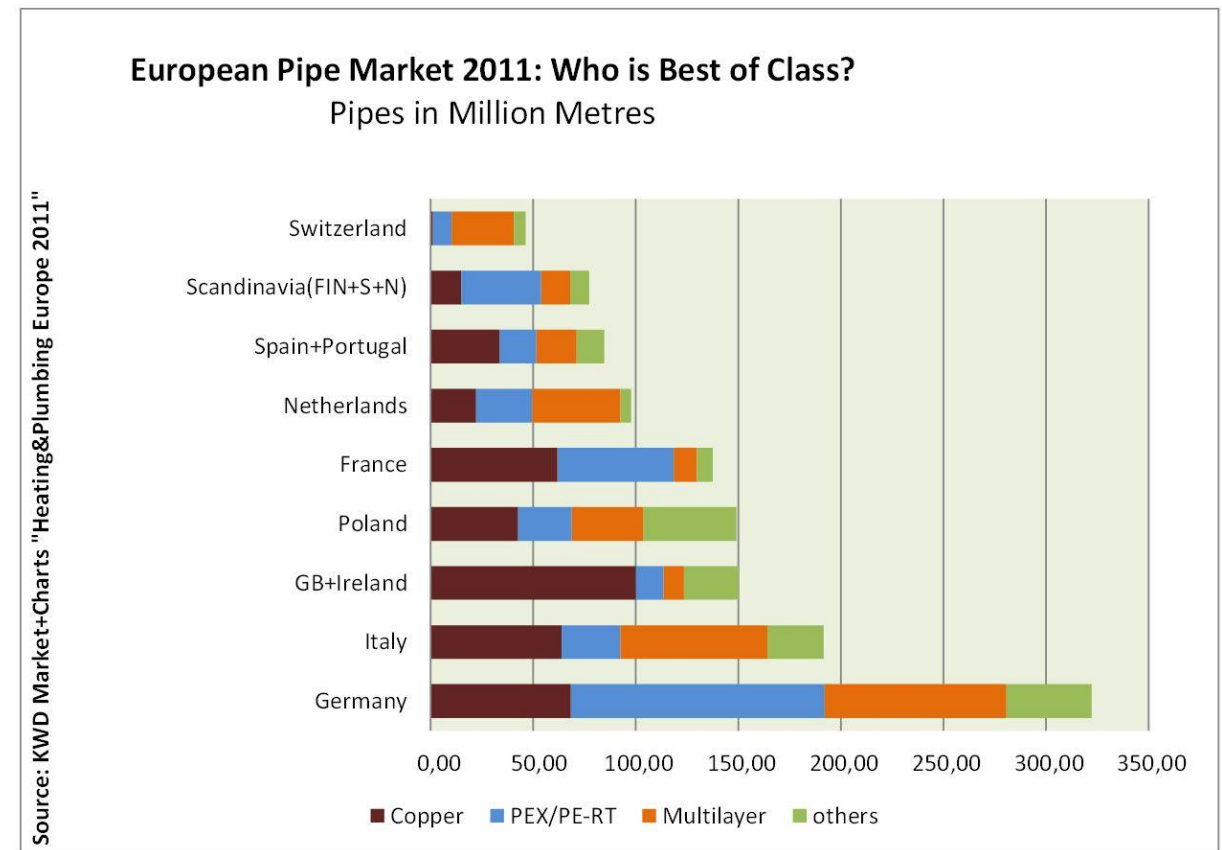


Source: IKZ.de

**Target group:**  
Residential and commercial plumbers



**Main market: Europe**



**Main markets in Europe:  
Switzerland, Netherlands, Poland, Italy, Germany**

## User feedback– Cutting of composite pipe

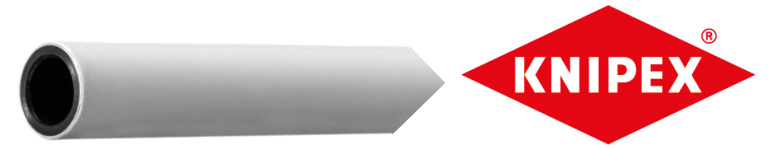


**Tiring, as cutting force very high**



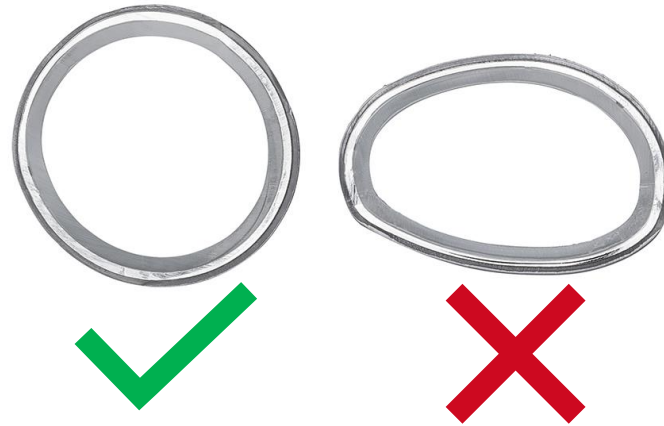
**Deformation of the pipe**

# KNIPEX Composite pipe cutters - Overview



Art Nr.	90 25 185	90 25 20	90 25 40
Picture			
USP	Low weight	Integrated Corrugated pipe cutter	High capacity Ratcheting mechanism
Capacity	Max. Ø25mm	Max. Ø25mm	Max. Ø42mm
Price (DE)	50,25€	102,65€	98,55€

## Pipe cutter 90 25 25 - Overview



- Cutting nearly without deformation



- Up to 60% easier cutting

### Main application

Composite pipe up to  $\text{Ø}26\text{mm}$   
Also known as PEX-AL, ML, MLC



### Other applications

Plastic pipes up to  $\text{Ø}26\text{mm}$

PEX



PE-HD



PP-R

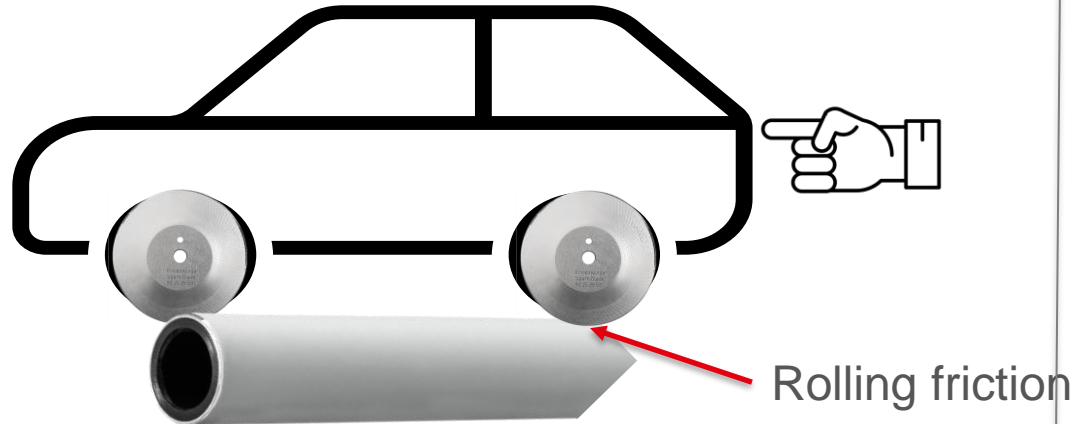


PVC





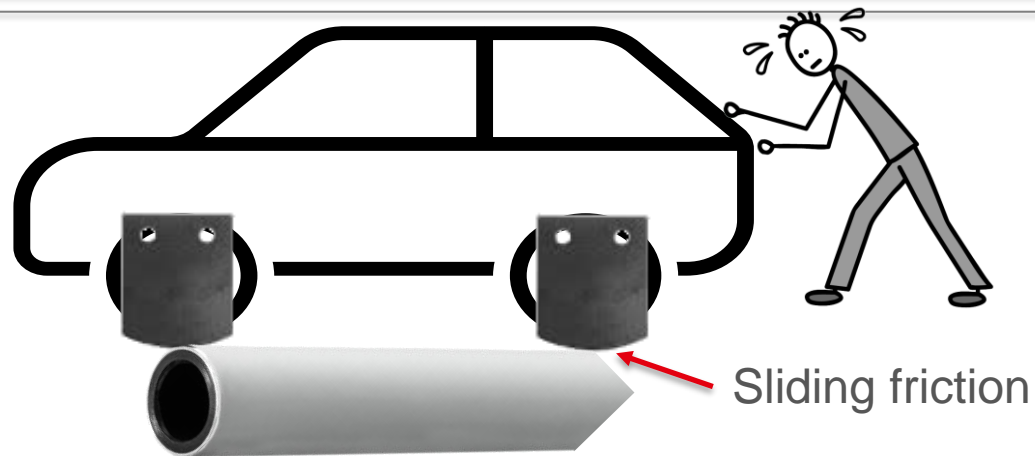
## Why cutting wheel?



Reduced friction allows turning the pipe while cutting:

- + No deformation
- + Low cutting force

## Competitors



Due to high friction turning the pipe not possible:

- High pressure means deformation of the pipe
- High cutting forces

Product demo





## 90 25 25 – Cutting Composite pipe (bars)

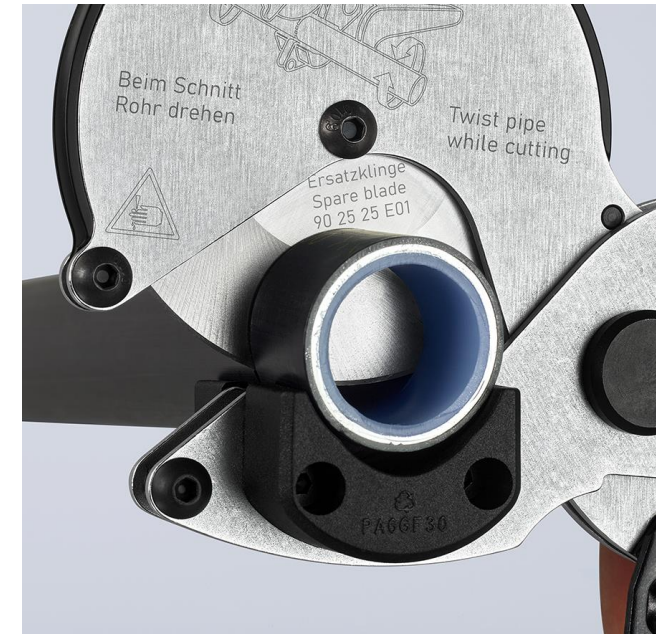
1. Put pipe into cutter and put low pressure onto the pipe



2. Turn pipe with the second hand



3. After 2-3 turns the pipe is completely cut



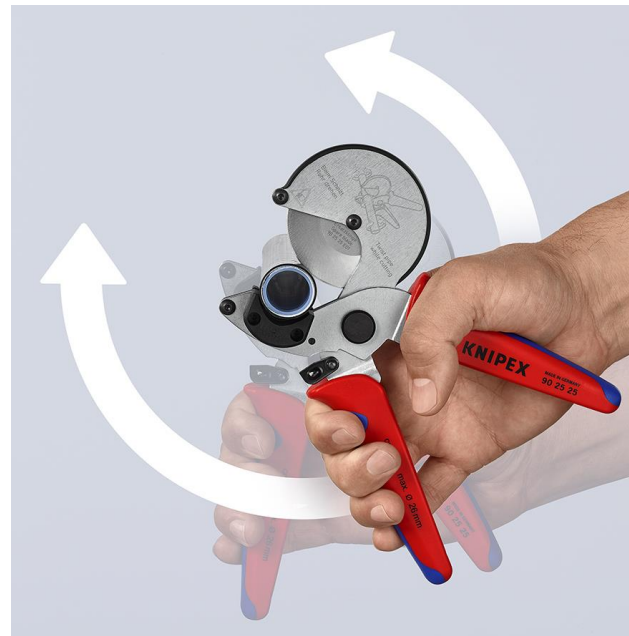


## 90 25 25 – Cutting composite pipe (from the roll)

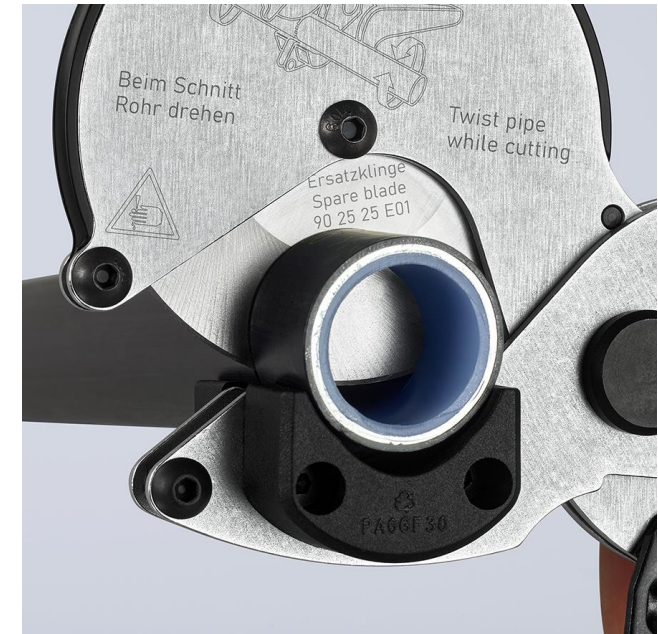
1. Put pipe into cutter and put low pressure onto the pipe



2. Twist the tool around the pipe



3. After the blade cut into the pipe, Push to cut completely through



## Composite pipe: Types

Composite pipe is available with different aluminum layer thicknesses. 90 25 25 **is only pipe cutter which can cut both**

### Aluminum layer thickness: ca.0,4mm



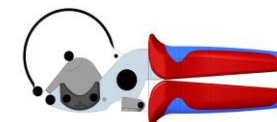
- > Standard layer thickness
- > Relativ low cutting forces
- > Suggested products: 90 25 185, 90 25 20, 90 25 25

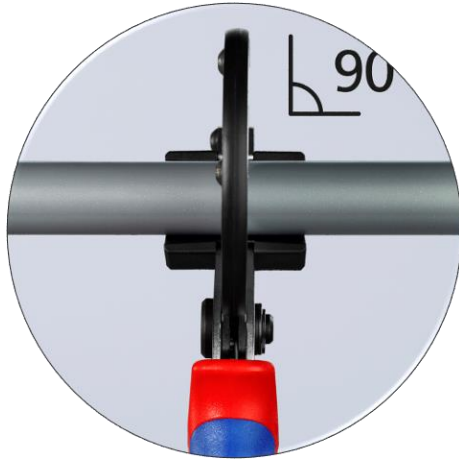


### Aluminum layer thickness: ca.0,8mm



- > Typical for Geberit Mepla and Uponor UNI Pipe Plus
- > With standard cutter(90 25 20) impossible to cut
- > High deformation when cutting with ratchet shear
- > Suggested product: 90 25 25





**Perpendicular cuts**  
Wide Pipe supports



**Safe storage**  
Lock without „Quick opening“

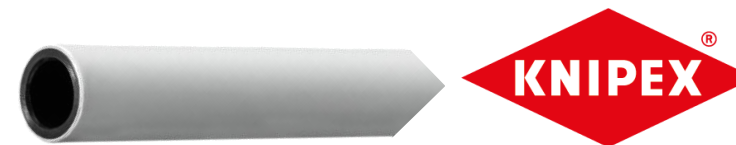






**Low cutting force and no deformation**  
Rotatable cutting wheel



**Ergonomic**  
2 components grips

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Price	50,25€	102,65€	119,90€	98,55€

Available from November 2022

**KNIPEX 90 25 25**

Replacement blade  
90 25 25 E01







**Thank you!**