



dura·line

# Technology Summit 2019



MICROTRENCHING



# Tim Grimsley

Dura-Line

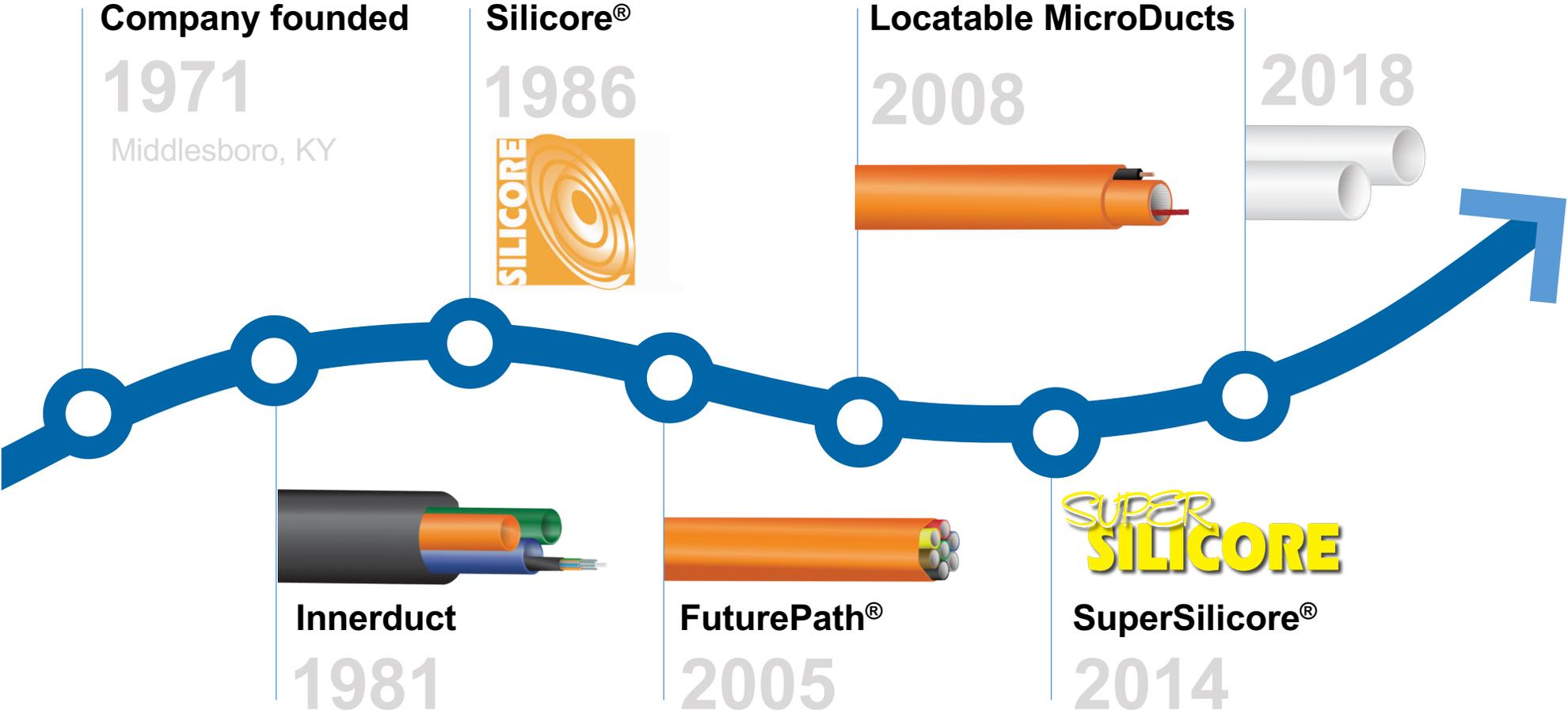
© dura-line

Technology  
Summit



# Field Engineering Team

# A brief History of Dura-Line



# Global Presence





# Test Track

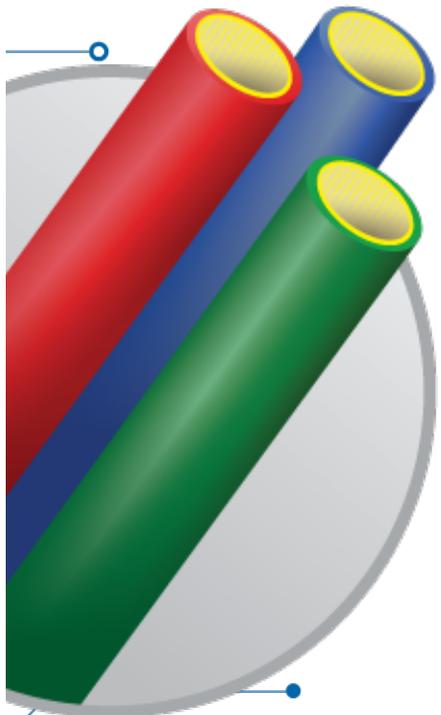


R&D Lab

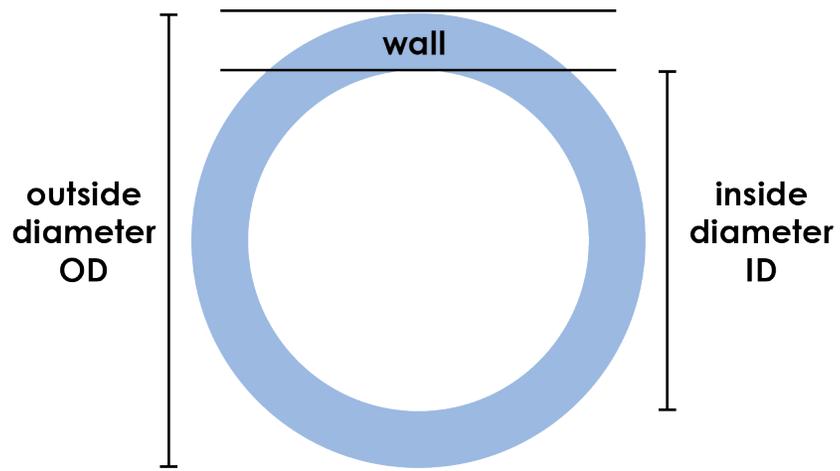




# What is a MicroDuct



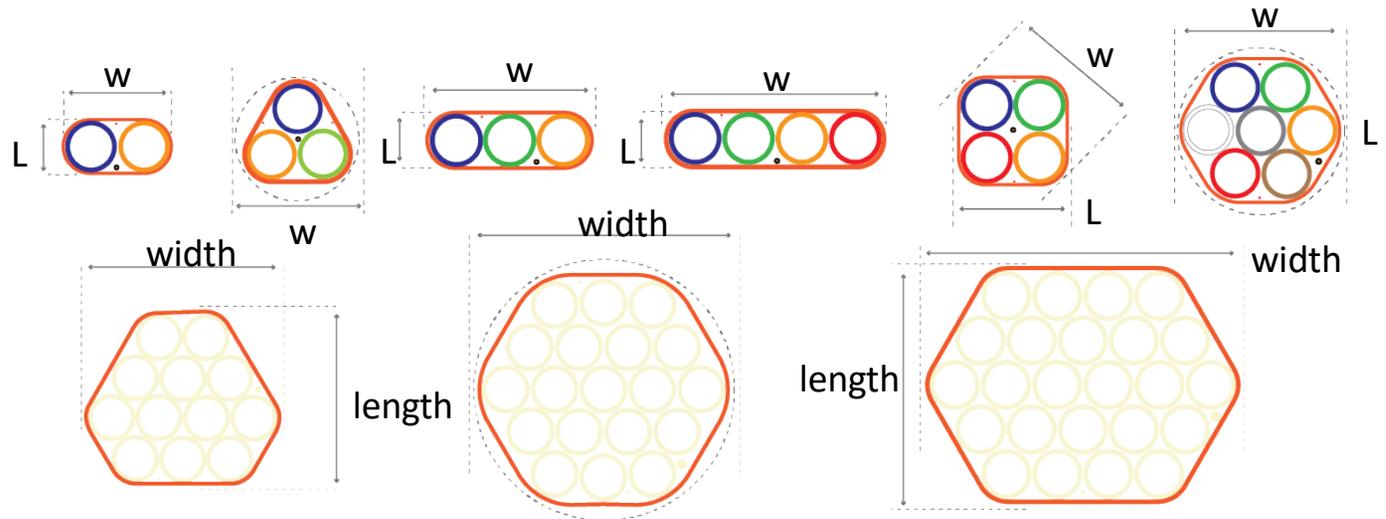
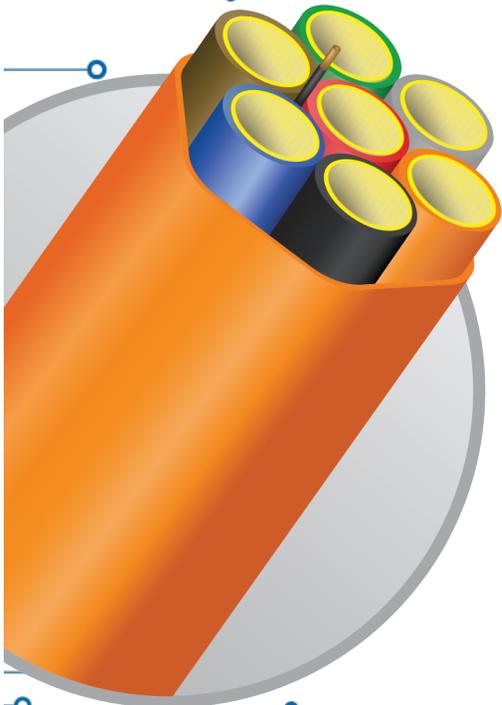
Nomenclature: **OD/ID mm**  
Outside Diameter mm/Inside Diameter mm



- 5/3.5
- 7/5.5
- 8.5/6
- 10/8
- 12.7/10
- 14/10
- 16/12
- 16/13
- 18/14
- 22/16

# What is a FuturePath

- Bundled MicroDucts
- Protective Oversheath
- Locatable Tracer Wire (optional)
- Rip Cords for easy access
- Available in fire retardant materials



# How do I choose the product?

Choose the  
fiber OD

Dictates  
MicroDuct ID

Decide on width  
and depth of  
trench

Pick configuration:  
FP (round, linear),  
FP Flex, Hybrids



# Choose the Fiber ID which dictates the MicroDuct OD

FIBER CABLE OD RANGE (MM)	OD/ID (MM)	MIN ID (MM/IN)	FIBER CABLE OD RANGE (MM)	OD/ID (MM)	MIN ID (MM/IN)
10.0-15.0	27/20	20.7/0.81	5.0-7.5	14/10	9.8/0.39
8.0-12.0	22/16	15.5/0.61	5.0-7.5	12.7/10	9.8/0.39
7.0-10.5	18/14	13.6/0.54	4.0-6.0	10/8	7.9/0.31
6.5-9.8	16/13	12.8/0.50	3.0-4.5	8.5/6	5.9/0.23
6.0-9.0	16/12	11.6/0.46	1.8-2.6	5/3.5	3.4/0.13

# Decide on width and depth of trench

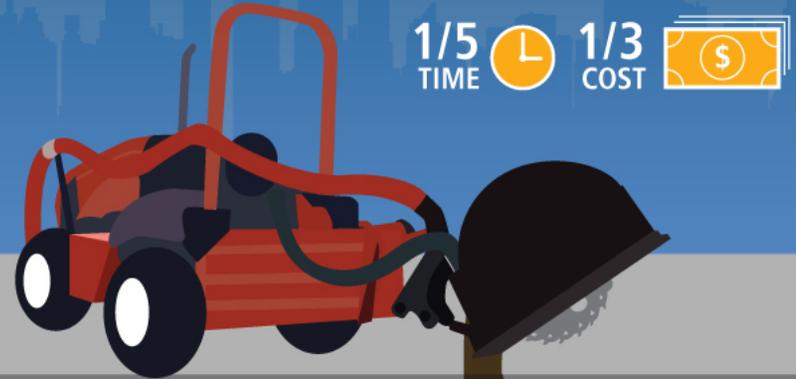
5x  
TIME

3x  
COST

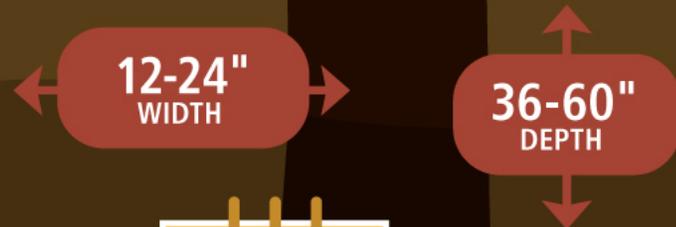


1/5  
TIME

1/3  
COST



## Traditional



160+  
DAYS

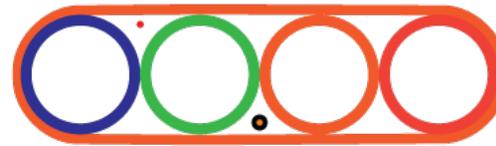
## MicroTrenching



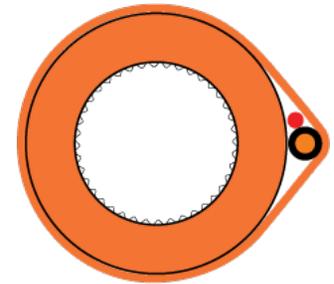
50-55  
DAYS

# Pick a configuration

FuturePath



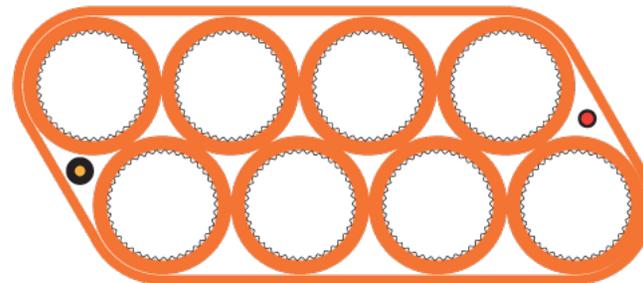
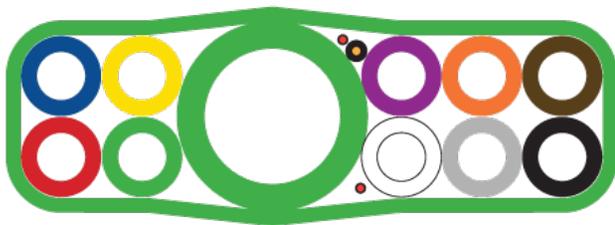
Locatable



FuturePath Flex



Hybrid





dura·line

# Technology Summit 2019



MICROTRENCHING