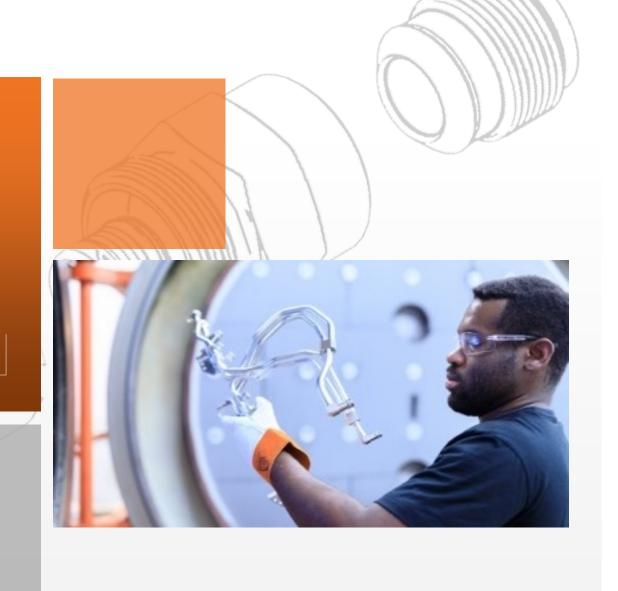
Deep Dive

Flex-Tek



# Pat McCaffrey, President, Flex-Tek

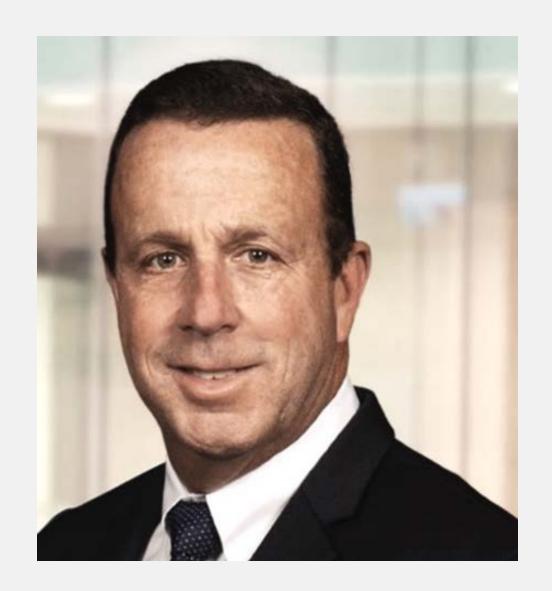
• Flex-Tek Operations Manager, 1996 - 1999

• Flex-Tek (Industrial Hose) General manager, 1999 -2002

• Flex-Tek (Heat Solutions) President, 2002 - 2008

• Flex-Tek COO, 2008 - 2019

• Flex-Tek President, 2019 - present

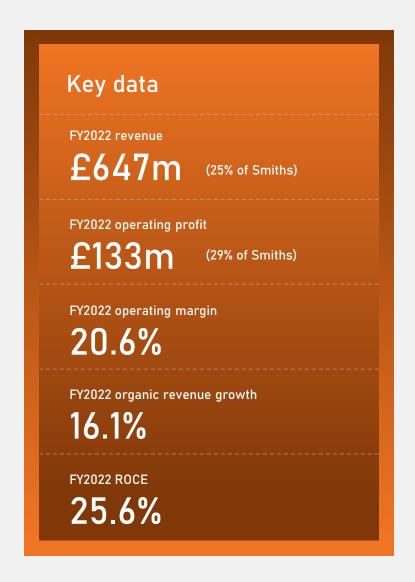


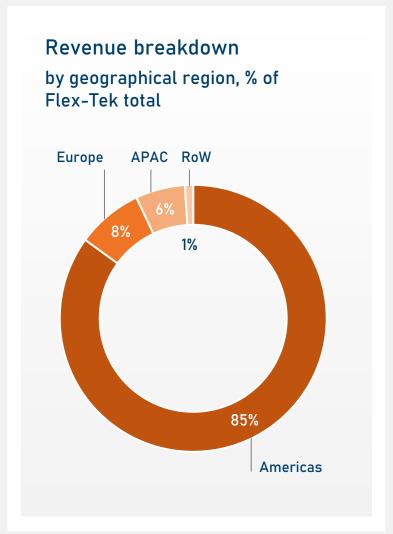
# **Executive Summary**

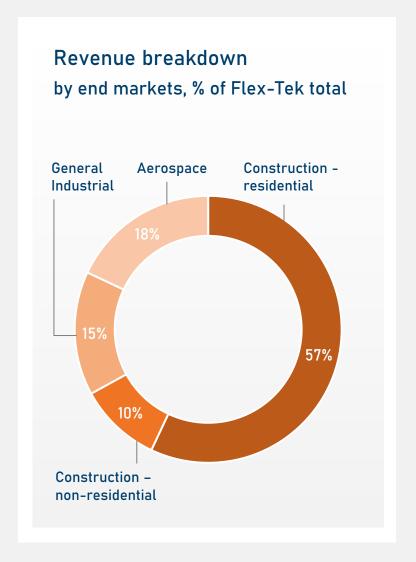
- Leading provider of solutions for safe and efficient fluid management
- Strong positions in attractive markets: construction, aerospace, and general industrial (including medical hoses and industrial heating)
- Competitive advantage from deep customer relationships, superior products, agile manufacturing, and a high-performance culture
- Strong track record of profitable organic growth augmented by disciplined, effective M&A
- Five-year CAGR: 13.9% revenue, 15.3% operating profit
- Well positioned for further growth



# Flex-Tek: solutions for the safe, efficient movement and heating of fluids







# Flex-Tek: a strong business with great positions in attractive markets



#### Market growth drivers

- Continued strong demand for new housing construction, despite near-term flattening
- Long-term increase in commercial and military aircraft production
- Growing adoption rates for continuous positive airway pressure (CPAP) machines drives growth for medical hoses
- Customer focus on efficient performance and environmental safeguarding
- Demand for sustainable electrical heating solutions



#### **Key customers**

- Construction and General Industrial: network of wellestablished national and regional distributors as well as Original Equipment Manufacturers (OEMs)
- Aerospace: strong OEM relationships with every major aircraft and engine manufacturer
- Industrial: leading CPAP and ventilator machine manufacturers, space and aviation OEMs



#### Competitive strengths

- Leading capability in design, manufacture and cost engineering
- Strong customer relationships and brand reputation
- Innovation leader in ducting, gas piping, and heating
- Track record of accretive M&A
- High-performance culture drives sustainable and consistent growth



#### Competitive landscape

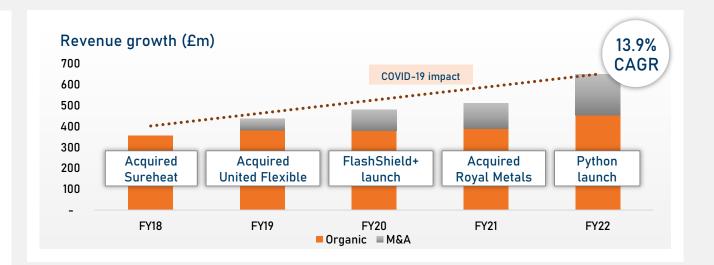
- Fragmented competition in most of our end markets
- Top three player in most of our segments
- Third party certifications in aerospace and construction
- Competitor examples include: Parker-Hannifin, Eaton, Omega Flex, Warren, and Watlow

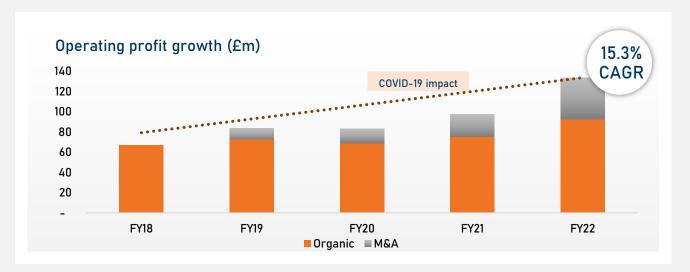


# The Flex-Tek growth story

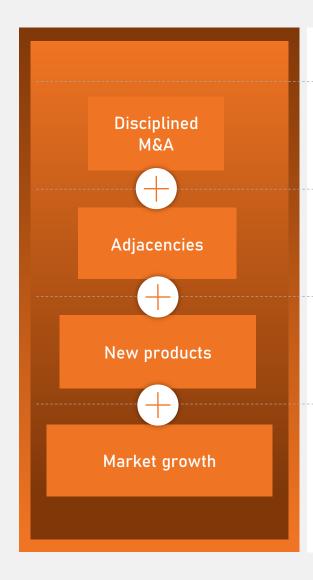
# Five-year track record

- Double digit growth CAGR for revenue and profit
- 6% organic revenue CAGR 7.1% organic operating profit CAGR
- Organic growth supplemented by bolt-on acquisitions
- 96% average cash conversion
- 5-year average ROCE: 27%





# How Flex-Tek delivers growth



#### Focus Examples

- Accelerating access to product adjacencies and geographical growth
- New platforms to support energy transition (e.g. hydrogen delivery)
- Product and service adjacencies
- Enhancing efficiency
- New heating focused products
- Near-term market resilience
- Significant opportunity to internationalise
- Adding capacity in higher-demand US construction regions
- Balanced exposure across Construction, Aerospace, and Industrial

- Industrial heating (Sureheat 2017)
- Aerospace (United Flexible 2019)
- HVAC portfolio (Royal Metal 2021)



· Partnering with Midrex on H2GreenSteel project for carbon emissions reduction in iron ore processing



- FlashShield+ launched 2020
- Refrigerant line sets launched in early 2022



- Construction demand remains strong in key regions
- A growing aerospace segment. Global aircraft orders expected to grow ~6% per annum over the next five years1



# Construction

#### **Construction products include:**

Flex duct Metal duct

Corrugated stainless steel tubing Residential heat kits









Key customers	Route to market	Smiths relative position
COOLING THE AMERICAS  Carrier  TRANE  Winsupply  THE WIDSUPPLY FAMILY OF COMPANIES	<ul> <li>85% HVAC wholesale distributors</li> <li>15% HVAC OEMs</li> <li>95% North American sales</li> </ul>	<ul> <li>Innovation leader in our segments</li> <li>Top three player in all segments</li> </ul>

## Our markets:

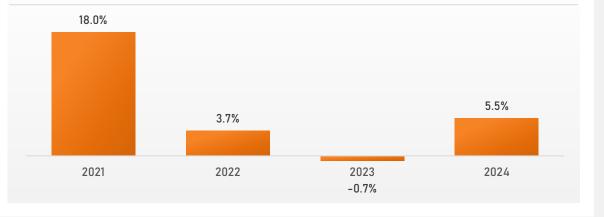
#### Geographies

- 9 manufacturing locations: 7 US, 1 Mexico, 1 Canada
- Primarily North American sales, strongest penetration in areas where central heat and air systems are popular

#### Macro market trends

- Multi-unit housing starts remain strong with Q2 up 17.5% YoY and up 37% pre-pandemic
- · Housing starts remain differentiated by region: the South made up 54% of new starts YTD 2022 in the US and grew 4% vs. the same period in 2021

## Housing starts growth in our operating areas (millions)<sup>1</sup>





## New business initiatives within Construction

## Python refrigerant line sets

- New product launch for £300m market segment: replaces copper lines in HVAC systems
- All six sizes are fully commissioned, two launched in November (four being sold currently)
- Accretive to Flex-Tek margins
- Customer feedback very positive on product benefits, sales ramping up with wholesale customers
- New production lines already running at 80-90% of expected capability and improving



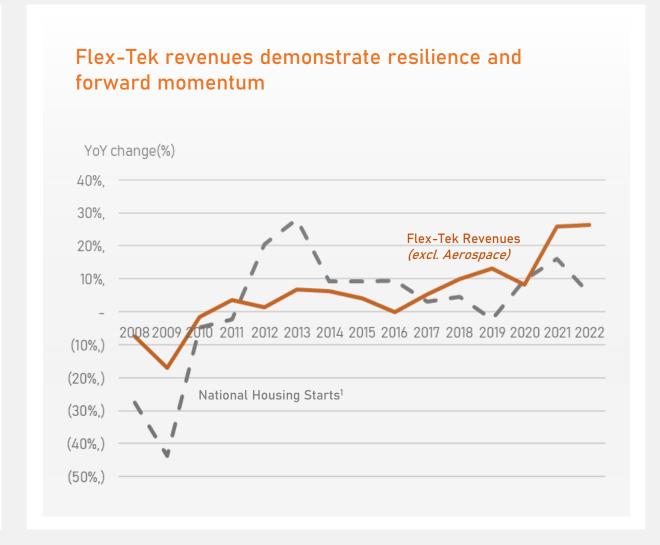
## New duct plant in Houston

- Synergy initiative from Royal Metal acquisition
- High demand from regional customers
- 120,000 sq. ft, with sufficient capacity to drive £50m in annual revenue
- Both flex duct and metal duct being produced and sold (cross-selling across combined customer base)
- Core machines in place, staffing up as sales and production increase



# Confident of further growth in Construction

- The residential HVAC metal ducting segment in the US is worth approximately ~£0.8bn annually with the South accounting for c. 60% of the market
- Flex-Tek sales concentrated in the South
- Deficit in US housing inventory still evident
- Track record of resilience in slower construction markets
- New business initiatives such as regional expansion within the US and new product launches adding 250 bps incremental growth in FY23





# General Industrial: heating and industrial hoses

# Industrial products include:



Medical

hose

#### Industrial hose



#### Polymide heater



#### Air heater



#### Key customers Route to market Smiths relative position

• 35% wholesale

distributors

- **PHILIPS** RESPIRONICS
  - Atlas Copco

中国航空发动机集团

• 80% US sales

• 65% OEM

- Top three in high end medical hose
- A leader in high temperature, high pressure heating applications

#### Our markets

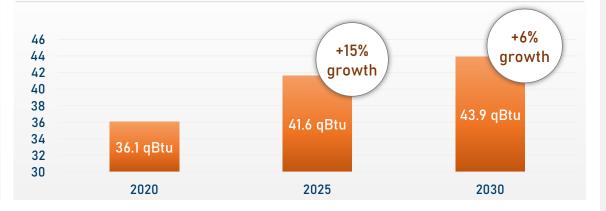
#### Geographies

- 9 manufacturing locations: 5 US, 3 in Europe, and 1 in China
- Opportunities to expand further into Europe

#### Macro market trends

- Continuing trend of electricity growing as a primary energy source
- Growing global use of CPAP machines: Flex-Tek 5-year revenue CAGR FY22-FY27 expected to be >7%
- New opportunities for medical and automotive hoses manufactured in China

## Industrial electricity energy use (quadrillion Btu) 1

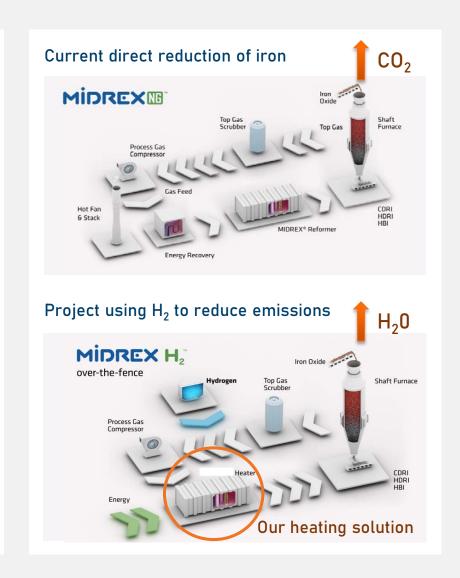




## New business initiative within Industrial

# Midrex/ green steel project

- $\bullet$  Conversion of direct reduced iron (DRI) using  $\rm H_2$  via electric heating systems rather than burning natural gas reduces carbon emissions in iron ore production by 95%
- Annual carbon reduction from one plant equivalent to ~860,000 fewer passenger vehicles on the road
- H2GS/Midrex agreement<sup>1</sup> finalised 6<sup>th</sup> October
- Purchase order expected by March 2023: adds 250 bps of incremental growth at accretive margins for FY24 and FY25
- First project is for one steel plant, multiple plants under consideration for development
- Heating elements being tested at Midrex. First of its kind in the world –
  joint working to overcome design challenges





# Aerospace

#### Aerospace products include:

## Rigid tubing



Flexible tubing



Hybrid assemblies



# **DEING**

**AIRBUS** 

Key customers

**GE Aviation** 



Military 45%

Route to market

- Direct to airframe and engine OEMs
- Top three in highintegrity flexible tubing

Smiths relative position

 Middle position in high-integrity metal tubing

#### Our markets:

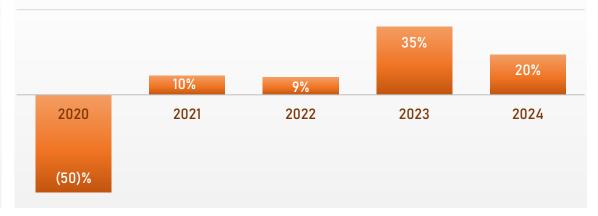
#### Geographies

- 5 manufacturing locations: 3 US, 1 France, 1 India
- Serving major airframe and engine makers globally

#### Macro market trends

- Revenue Passenger Kilometres (RPK) now growing double digits, expected to reach pre-COVID level in 2024 with a long-term growth CAGR of 4.1%<sup>1</sup>
- Driven by fleet replacement and growth in Asia, 40,000 new aircraft needed in next 20 years (double that of the last 20 years)

## Commercial aircraft production forecast (YoY growth)<sup>1</sup>





# New business initiatives within Aerospace

## "One Aero" operating model

- Consistent, single customer-facing team for global customer care
- Enhanced, integrated business development team
- Centre of excellence for tooling design and build
- Production automation enhancements and lean manufacturing projects

## Expanding development work through service and solutions

- Won 9 development hoses for GE 9X (Boeing 777x)
- Supported three high visibility retrofit campaigns; A350, A320, F100
- Continuing to build relationship with Aerojet (Space, RL10)

#### R&D to further expand portfolio

 On-going conversations with Airbus to focus on growth opportunities by shortening R&D time

## Sales growth

FY22 14.6% YoY



# Role of M&A

Flex-Tek is pursuing a disciplined approach to M&A. Recent acquisitions have:

- Expanded technology capability (e.g. SureHeat high voltage heating)
- Brought profitable growth and delivered synergies
- Delivered Royal Metals sales growth of 48% and profit growth of 70% since acquisition
- Facilitated entry into attractive adjacencies (e.g. Royal Metal Products HVAC ducting;
   United Flexible flexible aerospace products)

Acquisition	Date	Deal Size (£m)	Synergies	Improves existing positions	Access to new adjacencies &/or geographies	Post- acquisition performance
SureHeat	August 2017	15	✓	√√	✓	√√
United Flexible	October 2018	272	$\checkmark\checkmark\checkmark$	√√	√√	✓
Royal Metal Products	February 2021	78	√√	<b>4 4 4</b>	√√	<b>/ / /</b>

# **Closing Remarks**

• We are confident about delivering further growth - resilient in most market conditions

Proven track record of consistent growth, margin expansion and successful M&A

• Well-positioned with strong customer relationships in attractive markets and able to move into higher-growth adjacencies

• Driven to innovate; well-placed and committed to expanding regionally within the US and internationally

• Lean structure, strong culture, great people

