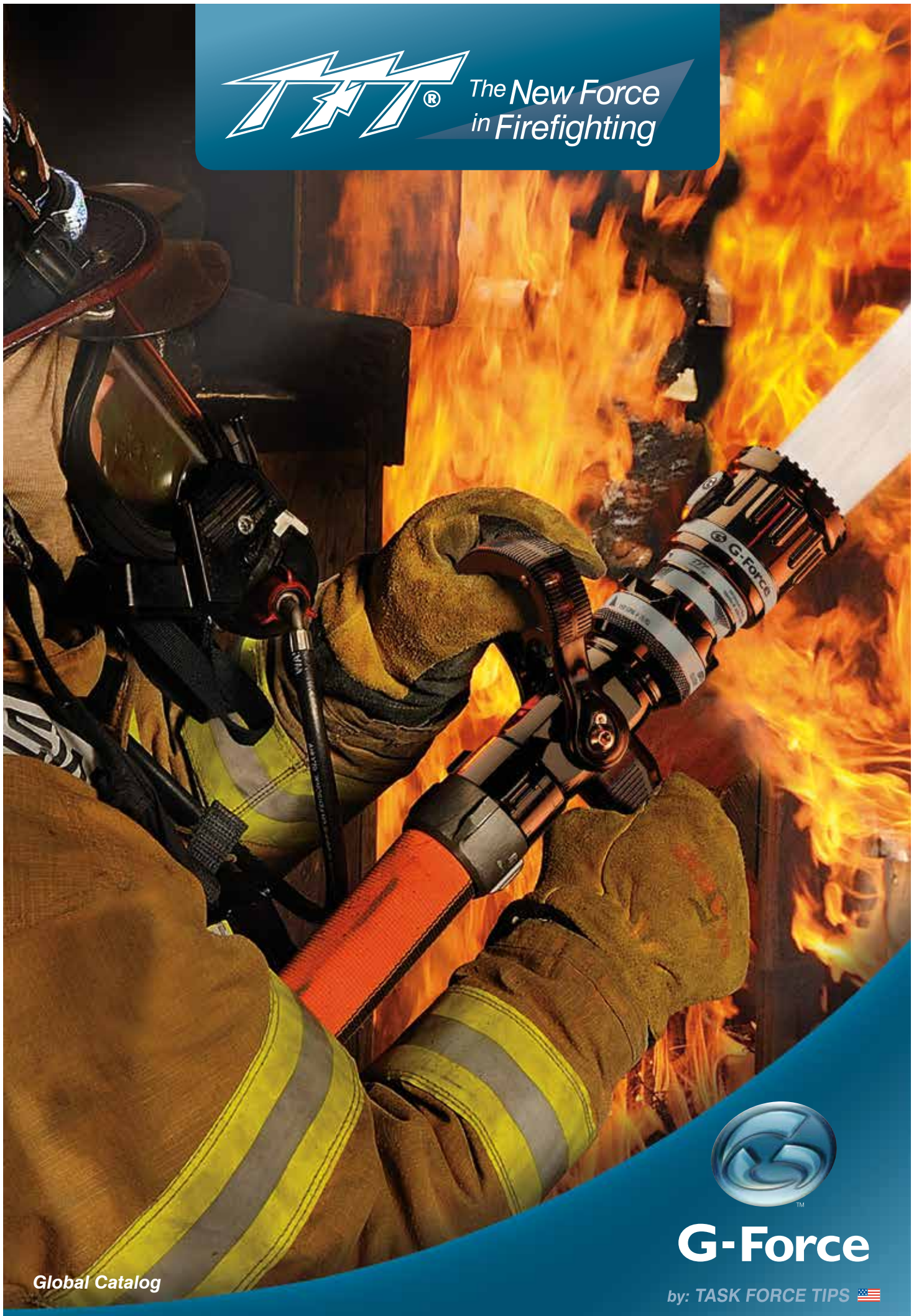




The New Force  
in Firefighting



**G-Force**

by: TASK FORCE TIPS 

Global Catalog

## G-Force Nozzles: The Inside Story

Based on a highly customizable global nozzle platform design, the unique G-Force series of fixed, selectable, and automatic nozzles combine over 40 years of Task Force Tips design innovation and experience into true next generation firefighting tools. Manufactured exclusively at TFT's USA production facilities, the G-Force series is supported by an extensive infrastructure of 24-hour technical service representatives, on-line documentation, digital video training library, exclusive product serialization and tracking capabilities, and a proven 5 year product warranty. Incorporating unique performance components such as a stainless steel slide valve, inlet debris screen and protective fog pattern choices, the G-Force series delivers high performance and rugged dependability.

Serialization provides track-ability and immediate access to on-line operational instructions

Integral Inlet Screen prevents debris from entering nozzle and affecting stream quality

Stainless Steel Slide Valve provides turbulence-free flow control when gated

Color-Coded Polymer Pistol Grip, Valve Handle and Covers offer rugged durability in harsh firefighting conditions

Available **IMPULSE™** Trigger Nozzle System (page 8)



Your Choice of Fixed, Swiveling, Threaded, Storz or Articulating Inlet Couplings

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The *New Force*  
in *Firefighting*



# G-Force

Large Index Ring with Indicator allows easy flow, pressure or flush selections with a gloved hand

Integral Tactile Indicator provides optional preset pattern selection or factory set lock out

Choice of:

- Fixed Metal
- Fixed Molded Rubber
- Spinning Stainless Steel (shown)

Choice of:

- Fixed Pressure and Flow
- Selectable Flow with Fixed Pressure, or
- Multiple Automatic Pressure and Variable Flow Choices
- Pulsing Models Available

Choice of:

- Tip Only
- Shutoff
- Shutoff with Grip Models

Flush without nozzle shutdown or pattern adjustment

Lightweight Hard Anodized Aluminum Alloy Body includes permanent laser engraved operational markings and highly visible reflective labeling

Bonded Rubber Bumper provides maximum durability in harsh conditions

For a complete list of certifications and approvals, visit [www.tft.com](http://www.tft.com).



**15** **BlitzForce**  
PORTABLE MONITOR

**16** **TRANSFORMER**  
PIERCING NOZZLE™

**18** **PRO/pak**

**19** **FOAM JET**



# G-Force High Performance Features

## Tip Only, Shutoff and Shutoff with Grip Models

With hundreds of available models, the G-Force series offers two piece tip only and ball valve configurations, as well as one piece nozzles with an integrated slide valve. All models including two piece ball valve configurations can be ordered with a color coded pistol grip and valve handle cover.



## Fixed Cut Metal, Molded Rubber, or Stainless Steel Spinning Teeth



All models may be ordered with your choice of diamond cut fixed metal, fixed molded rubber, or stainless steel spinning teeth. All fog teeth are designed to provide superior pattern performance and outstanding firefighter protection without bent, broken, or missing teeth. The bonded rubber bumper provides long term rugged dependability even in the harshest firefighting conditions.

## Rugged Color Coded Valve Handle and Pistol Grip

Ergonomically shaped pistol grip, valve handle and covers made from super-tough polymer for rugged dependability. Eleven available colors allow for customization for pump discharge hoseline identification, for specific fire apparatus, specific stations or department.



## Stainless Steel Slide Valve

Unique slide style valve and positive valve position detents in all one piece nozzles provides turbulence-free stream performance even when gating the nozzle.



## Integral Debris Screen

Inlet screen prevents pattern destroying debris from entering the nozzle and becoming lodged. Items that pass through the screen are easily flushed out the front of the nozzle.



## Flush without Pattern Adjustment or Nozzle Shut Off

Nozzles can be easily and effectively flushed of unwanted and pattern destroying debris that enters the nozzle without shutting down or changing pattern selection during hazardous firefighting conditions.



## Reflective Labeling and Permanent Laser Markings



Reflective clear coated labeling provides a visually reflective image at night or in dark conditions. High contrast laser engraved operational controls are permanently marked for a lifetime of rugged service.

## Index Ring

Large, easy to grip index ring provides both visual and tactile indication of operational flow, pressure, or flush choices.





## G-Force High Performance Features



### Tactile Pattern Position Indicator



Integral tactile indicator provides optional preset pattern selection detent or pattern lock out. The quick change pattern adjustment allows straight stream to a wide protective fog pattern with one simple hand motion.

### Model Serialization

Each nozzle is permanently marked with a unique serial number that aids in departmental asset tracking, manufacture date, model identification, and easily tracks service and warranty activities. Web enabled on-line serial number search also provides immediate access to all operational and service documentation.





# G-Force Ordering Matrix



## Build Your G-Force Nozzle

From the charts on pages 7 or 9, select the series, inlet, style, pressure control, shaper control and fog teeth from each column to configure your nozzle and yield a part number.

### 1 Choose Series

All G-Force nozzles are Series "G"

### 2 Choose Inlet

Consult factory for other coupling options.

### 3 Choose Style of Valve

#### Nozzle with Integral Slide Valve Shutoff

Nozzle with integral slide valve provides turbulence-free flow control and five detent flow positions.

#### Nozzle with Integral Slide Valve Shutoff and Pistol Grip

Nozzle with integral valve and pistol grip provides turbulence free flow control and five detent flow positions.

#### Nozzle with IMPULSE™ Trigger Operated Slide Valve Shutoff and Pistol Grip

Trigger flow control with pistol grip and integrated slide valve provides turbulence free flow control and four locking positions.

### 4 Choose Flow and Pressure

#### Fixed Pressure and Flow

Optimal straight stream and fog pattern performance are achieved at a single rated flow and single rated pressure.

#### Selectable Flow with Fixed Pressure

Optimal straight stream and fog pattern performance are achieved at the selected flow and the single rated pressure.

#### Automatic Pressure / Variable Flow

Optimal straight stream and fog pattern performance are achieved over the rated flow range at the rated pressure.

#### Automatic Pressure/Variable Flow with choice of Selectable High/Low or High/Medium/Low Flow Ranges

Optimal straight stream and fog pattern performance are achieved over the rated flow range at the rated pressure. User determined flow limiting selections allow automatic pressure regulation while restricting maximum flow.

#### Automatic Pressure/Variable Flow with Automatic Override

Optimal straight stream and fog pattern performance are achieved over the rated flow range at the rated pressure. An automatic override provides higher volumes at reduced operational pressures. Some models also offer user determined flow limiting selections allowing automatic pressure regulation while restricting maximum flow.

### 5 Choose Shaper Control – Tactile Pattern Position Indicator

#### Fixed Tactile Indicator

Indicates straight stream pattern selection.

#### Tactile Indicator with Pattern Detent

Indicator incorporates a detent setting at a defined and set pattern selection. Tactile and audible detent will be set to partial fog pattern, unless specified otherwise.

#### Tactile Indicator with Lock Out

Indicator incorporates a lock setting that must be manually overridden by the operator to access other stream pattern choices. (Setting must be specified when ordered.)

#### Locked Tactile Indicator

Indicator is set to a user defined pattern selection and no other pattern choice can be made. (Setting must be specified when ordered.)

### 6 Choose Fog Teeth

Choose from fixed molded rubber, spinning stainless steel or fixed cut metal.

## Example:

A G-Force nozzle (**Series G**), with a 65 mm BIC Male inlet (**Inlet H**), styled with valve and pistol grip (**Style 3**), with a pressure control selection of automatic 230-570 l/min @ 7 bar (**Pressure Control E**), with a tactile indicator detent for shaper control (**Shaper Control 2**), and fixed molded rubber fog teeth (**Fog Teeth F**), would yield part number: **GH3E2F**

1	2	3	4	5	6	
Series	Inlet		Style	Pressure Control	Shaper Control	Fog Teeth
G	H	65 mm (2.5") BIC Male	3 One Piece Nozzle with Slide Valve and Pistol Grip	E Automatic 60-150 gpm @ 100 psi 230-570 l/min @ 700 kPa (7 bar)	2 Tactile Indicator with Pattern Detent	F Fixed Molded Rubber



# G-Force Ordering Matrix

1 Series	2 Inlet	3 Style	4 Pressure Control	5 Shaper Control	6 Fog Teeth					
G	A	25 mm (1.0") BSP Female	2	One Piece Nozzle with Slide Valve	A	Fixed 150 gpm @ 100 psi 570 l/min @ 700 kPa (7 bar)	1	Fixed Tactile Indicator	F	Fixed Molded Rubber
	B	38 mm (1.5") BSP Female	3	One Piece Nozzle with Slide Valve and Pistol Grip	B	Fixed 150 gpm @ 75 psi 570 l/min @ 500 kPa (5 bar)	2	Tactile Indicator with Pattern Detent	S	Spinning Stainless Steel
	C	50 mm (2.0") BSP Female	5	Two Piece Nozzle with Tip Only and Ball Valve Shutoff (no Pistol Grip)	C	Selectable 30/60/95/125/150 gpm @ 100 psi	3	Tactile Indicator with Lock Out	M	Fixed Cut Metal
	D	50 mm (2.0") BSP Male	6	Two Piece Nozzle with Tip Only and Ball Valve Shutoff with Pistol Grip	D	Selectable 30/60/95/125/150 gpm @ 75 psi	4	Factory Set Tactile Indicator		
	E	52 mm Storz	7	Impulse Nozzle with Trigger Flow Control	N	Selectable 110/230/360/470/570 l/min @ 700 kPa (7 bar)				
	F	38 mm (1.5") NH Female		P	Selectable 110/230/360/470/570 l/min @ 500 kPa (5 bar)					
	H	65 mm (2.5") BIC Male		Q	Selectable 100/200/300/400/500 l/min @ 500 kPa (5 bar)					
	J	65 mm (2.5") NH Female		E	Automatic 60-150 gpm @ 100 psi 230-570 l/min @ 700 kPa (7 bar)					
	Q	65 mm (2.5") BSP Female		F	Automatic 60-150 gpm @ 75 psi 230-570 l/min @ 500 kPa (5 bar)					
	R	65 mm (2.5") BSP Male		H	Automatic 30-95 or 95-150 gpm @ 100 psi					
	S	65 mm (2.5") Chinese Snap Fit		J	Automatic 30-70, 70-110, or 110-150 gpm @ 100 psi					
	T	38 mm (1.5") NPSH Female		L	Automatic 30-100 or 90-150 gpm @ 75 psi					
	U	38 mm Storz		M	Automatic 30-80, 60-110, or 110-150 gpm @ 75 psi					
	*Articulated couplings are subject to additional cost.			S	Automatic 100-360 or 360-570 l/min @ 700 kPa (7 bar)					
	Consult factory for other coupling options.			T	Automatic 100-270, 270-430, or 430-570 l/min @ 700 kPa (7 bar)					
				V	Automatic 100-390 or 390-570 l/min @ 500 kPa (5 bar)					
		W		Automatic 100-300, 240-420, or 420-570 l/min @ 500 kPa (5 bar)						
		G		Automatic 60-150 gpm, Automatic Override @ 100 psi						
		K		Automatic 60-150 gpm, Automatic Override @ 75 psi						
		R		Automatic 250-570 l/min, Automatic Override @ 700 kPa (7 bar)						
		U		Automatic 240-570 l/min, Automatic Override @ 500 kPa (5 bar)						
		X	Auto 100-360 or 360-570 l/min, Automatic Override @ 700 kPa (7 bar)							



## Impulse™ Trigger Valve System

Task Force Tips has never been afraid to challenge the status quo of initial attack firefighting.

The revolutionary IMPULSE™ trigger valve system can now be integrated into many G-Force firefighting nozzles as an option.

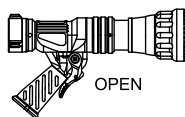
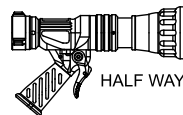
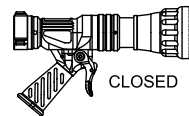
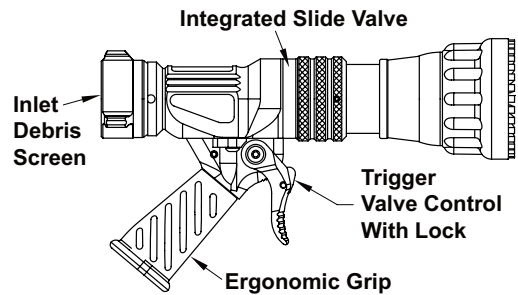
The innovative integration of a trigger actuator with TFT's globally recognized slide style of valve, provides complete nozzle operator flow control with only a single hand, allowing the other hand to consistently control stream pattern selection. The trigger controller operates smoothly and easily throughout the nozzle's rated flow and pressure range, and offers the ability to hold multiple valve positions at the operator's discretion. The unique ergonomic pistol grip complements the trigger valve design and greatly reduces operator fatigue.



## Impulse™ trigger valve system



- Ergonomic Pistol Grip w/available color coding
- Trigger Valve Controller with removable flow lock
- Integrated Slide Style Shut Off Valve
- Front Protective Bumper with Multiple Fog Tooth Designs



Patent Pending

## G-Force Nozzle with Impulse™ Trigger Valve System Order Matrix

Refer to G-Force nozzle order matrix on page 7, and choose Style 7 when adding the optional Impulse trigger valve to your nozzle build(s).

3		Style
7		Impulse Nozzle with Trigger Flow Control





# G-Force EN / Pulsing Nozzles

## G-Force Pulsing Nozzles

Offering 14 unique flow and pressure options, all G-Force pulsing nozzles provide maximum stream velocity and a consistent water droplet size from the initial opening of the nozzle throughout the entire rated flow range. Developed for maximum cooling of fire gases and minimal disruption of the thermal balance in three dimensional fire environments, G-Force high performance pulsing nozzles have been produced to provide rugged durability in the harshest of firefighting operations.



### Build Your Pulsing G-Force Nozzle

From the chart below, select the **1** series, **2** inlet, **3** style, **4** pressure control, **5** shaper control and **6** fog teeth from each column to configure your nozzle and yield a part number.

<b>1</b>	<b>2</b>		<b>3</b>		<b>4</b>		<b>5</b>		<b>6</b>	
Series	Inlet		Style		Pressure Control		Shaper Control		Fog Teeth	
GP	A	25 mm (1.0") BSP Female	2	One Piece Nozzle with Slide Valve	A	Selectable EN 100/250/500 l/min @ 6 bar	1	Fixed Tactile Indicator	F	Fixed Molded Rubber
	B	38 mm (1.5") BSP Female	3	One Piece Nozzle with Slide Valve and Pistol Grip	B	Selectable EN 100/235/400 l/min @ 6 bar	2	Tactile Indicator with Pattern Detent	S	Spinning Stainless Steel
	C	50 mm (2.0") BSP Female	5	Two Piece Nozzle with Tip Only and Ball Valve Shutoff (no Pistol Grip)	C	Selectable EN 50/100/150 l/min @ 6 bar	3	Tactile Indicator with Lock Out	M	Fixed Cut Metal
	D	50 mm (2.0") BSP Male	6	Two Piece Nozzle with Tip Only and Ball Valve Shutoff with Pistol Grip	W	Selectable EN 100/235 l/min @ 6 bar	4	Factory Set Tactile Indicator		
	E	52 mm Storz	7	Impulse Nozzle with Trigger Flow Control	D	Automatic EN 500 l/min @ 6 bar				
	F	38 mm (1.5") NH Female			E	Automatic EN 400 l/min @ 6 bar				
	H	65 mm (2.5") BIC Male			F	Automatic EN / Pulsing 250/500 l/min @ 6 bar Automatic Override				
	J	65 mm (2.5") NH Female			G	Automatic EN / Pulsing 235/400 l/min @ 6 bar Automatic Override				
	Q	65 mm (2.5") BSP Female			J	Automatic EN / Pulsing 250/500 l/min @ 6 bar				
	R	65 mm (2.5") BSP Male			L	Automatic EN / Pulsing 150/250 l/min @ 6 bar				
	S	65 mm (2.5") Chinese Snap Fit			N	Automatic EN / Pulsing 235/400 l/min @ 6 bar				
	T	38 mm (1.5") NPSH Female			T	Automatic EN / Pulsing 400 l/min @ 6 bar Automatic Override				
	U	38 mm Storz			U	Automatic EN / Pulsing 500 l/min @ 6 bar Automatic Override				
		*Articulated couplings are subject to additional cost. Consult factory for other coupling options.				V	Automatic EN / Pulsing 150 l/min @ 6 bar Automatic Override			
There are additional models in this series, not listed here, that have international certifications and approvals. Please refer to <a href="http://www.tft.com">www.tft.com</a> for additional information.										





## FlipTip® Tip Only

The Tip-Only Model is an ideal choice for an addition to any ball valve shut off. Integrating your choice of two smoothbore combinations, the FlipTip quickly and positively allows



FTTF132

the initial attack team a choice of flows as well as outstanding stream performance.

- Lightweight and Compact Design
- Tips Easily Removed for Line Extension
- Multiple Smoothbore Choices Both Front and Rear



## Front Tip Orifice Choice

FlipTip's front component accepts one of 4 different orifice choices. Providing flows from 200 up to 750 l/min (50-200 gpm), the tip can be easily removed allowing hose to be connected and extended. All tips have knurled swiveling couplings and a unique tapered waterway for maximum stream quality.

### FlipTip™ Ordering Matrix

Turn the page to learn how to configure your FlipTip™.

## FlipTip® with Integrated Ball Shutoff

Integrated with a high volume ball shutoff, the combination FlipTip provides a single nozzle that offers a choice of hard hitting straight streams. The detent style ball shutoff allows positive operator control and the rugged durability of polymer handles and pistol grip.



FTTF341

- Optional Color Coded Pistol Grip and Valve Handle Covers at No Additional Charge
- High Volume Detent Valve for Maximum Performance
- Compact Integrated Design





## FlipTip® with Integrated Ball Shutoff and G-Force Nozzle

Integrated with a high volume ball shutoff and your choice of G-Force combination nozzle, the FlipTip provides a single nozzle that offers both a hard hitting smoothbore and high performance combination nozzle. The detent style ball shutoff allows positive operator control, choice of 7 bar or low pressure 5 bar (100 or 75 psi) operation, and stainless spinning, cut metal or bonded rubber fog teeth.



- Choice of Fixed, Selectable, or Automatic Tip
- Integrated Combination Nozzle and Smoothbore Base
- Choice of Operational Pressures and Fog Tooth Designs
- Optional Color Coded Pistol Grip and Valve Handle Covers at No Additional Charge

## Stream Straightener

To provide maximum stream performance all FlipTip models integrate a lightweight stream straightener directly into the rear coupling system. For high rise operations, where debris can be an issue, or to maximize compressed air foam stream performance, the insert can be easily removed.



## Rear Tip Orifice Choice

The rear component of the FlipTip is available in 6 different orifice sizes and provides water flows starting at 570 l/min (150 gpm). All uniquely tapered tip inserts are designed to offer high performance water or compressed air foam streams, and are held securely in place during rugged initial attack operations.



## Pivot Lock Mechanism

The FlipTip can be quickly and securely changed from small tip to large tip during firefighting operations using a positive twist lock mechanism that prevents unintentional movement. The locking ring is easily rotated with a wet or foamy gloved hand.



## Build Your FlipTip Nozzle

From the chart(s) on these pages, select the series, inlet, style, rear tip, front tip or pressure control, shaper control and fog teeth from each column to configure your nozzle and yield a part number.

### 1 Choose Series

FTT Series (tip only and integrated ball shutoff), or FTG Series (integrated ball shutoff and G-Force nozzle).

### 2 Choose Inlet

Consult factory for other coupling options.

### 3 Choose Style of Valve

#### Tip Only Nozzle with No Shutoff (FTT series only)

Tip only nozzle with no shutoff, often used in combination with a separate ball style shutoff valve.

#### Nozzle with Valve Shutoff

Nozzle with integral ball shutoff valve.

#### Nozzle with Valve Shutoff and Pistol Grip

Nozzle with integral ball shutoff valve and pistol grip.

### 4 Choose Rear Tip

The rear component of the FlipTip is available in 6 different orifice sizes.

### 5 Choose Front Tip

FlipTip's front component accepts one of 4 different orifice choices.

### 6 Choose Flow and Pressure

#### Fixed Pressure and Flow

Optimal straight stream and fog pattern performance are achieved at a single rated flow and single rated pressure.

#### Selectable Flow with Fixed Pressure

Optimal straight stream and fog pattern performance are achieved at the selected flow and the single rated pressure.

#### Automatic Pressure / Variable Flow

Optimal straight stream and fog pattern performance are achieved over the rated flow range at the rated pressure.

#### Automatic Pressure/Variable Flow with choice of Selectable High/Low or High/Medium/Low Flow Ranges

Optimal straight stream and fog pattern performance are achieved over the rated flow range at the rated pressure. User determined flow limiting selections allow automatic pressure regulation while restricting maximum flow.

#### Automatic Pressure/Variable Flow with Automatic Override

Optimal straight stream and fog pattern performance are achieved over the rated flow range at the rated pressure. An automatic override provides higher volumes at reduced operational pressures. Some models also offer user determined flow limiting selections allowing automatic pressure regulation while restricting maximum flow.

### 7 Choose Shaper Control – Tactile Pattern Position Indicator

#### Fixed Tactile Indicator

Indicates straight stream pattern selection.

#### Tactile Indicator with Pattern Detent

Indicator incorporates a detent setting at a defined and set pattern selection. Tactile and audible detent will be set to partial fog pattern, unless specified otherwise.

#### Tactile Indicator with Lock Out

Indicator incorporates a lock setting that must be manually overridden by the operator to access other stream pattern choices. (Setting must be specified when ordered.)

#### Locked Tactile Indicator

Indicator is set to a user defined pattern selection and no other pattern choice can be made. (Setting must be specified when ordered.)

### 8 Choose Fog Teeth

Choose from fixed molded rubber, spinning stainless steel or fixed cut metal.

## Example:


A FlipTip nozzle (**Series FTG**), with a 38 mm BSP Female inlet (**Inlet B**), styled with valve and pistol grip (**Style 3**), with a 25 mm rear tip (**Rear Tip 5**), pressure control selection of automatic 230-570 l/min @ 5 bar (**Pressure Control F**), with a fixed tactile indicator (**Shaper Control 1**), and spinning stainless steel fog teeth (**Fog Teeth S**), would yield part number: **FTGB35F1S**



## FlipTip Tip Only or with Integrated Ball Shutoff

1	2	3	4	5
Series	Inlet	Style	Rear Tip	Front Tip
FTT	F 38 mm (1.5") NH Female	1 Tip Only	3 22 mm (7/8")	1 13 mm (1/2")
	T 38 mm (1.5") NPSH Female	2 Valve	4 24 mm (15/16")	2 16 mm (5/8")
	J 65 mm (2.5") NH Female	3 Valve and Pistol Grip	5 25 mm (1.0")	4 24 mm (15/16")
			6 29 mm (1 1/8")	5 25 mm (1")
			7 32 mm (1 1/4")	
			8 35 mm (1 3/8")	

## FlipTip with Integrated Ball Shutoff and G-Force Nozzle

1 Series	2 Inlet	3 Style	4 Rear Tip	6 Pressure Control	7 Shaper Control	8 Fog Teeth	
FTG	A 25 mm (1.0") BSP Female	2 One Piece Nozzle with Valve	3 22 mm (7/8")	A Fixed 150 gpm @ 100 psi 570 l/min @ 700 kPa (7 bar)	1 Fixed Tactile Indicator	F Fixed Molded Rubber	
	B 38 mm (1.5") BSP Female	3 One Piece Nozzle with Valve and Pistol Grip	4 24 mm (15/16")	B Fixed 150 gpm @ 75 psi 570 l/min @ 500 kPa (5 bar)	2 Tactile Indicator with Pattern Detent	S Spinning Stainless Steel	
	C 50 mm (2.0") BSP Female		5 25 mm (1.0")	C Selectable 30/60/95/125/150 gpm @ 100 psi	3 Tactile Indicator with Lock Out	M Fixed Cut Metal	
	D 50 mm (2.0") BSP Male		6 29 mm (1 1/8")	D Selectable 30/60/95/125/150 gpm @ 75 psi	4 Factory Set Tactile Indicator		
	E 52 mm Storz		7 32 mm (1 1/4")	N Selectable 110/230/360/470/570 l/min @ 700 kPa (7 bar)			
	F 38 mm (1.5") NH Female		8 35 mm (1 3/8")	P Selectable 110/230/360/470/570 l/min @ 500 kPa (5 bar)			
	H 65 mm (2.5") BIC Male		Q Selectable 100/200/300/400/500 l/min @ 500 kPa (5 bar)				
	J 65 mm (2.5") NH Female		E Automatic 60-150 gpm @ 100 psi 230-570 l/min @ 700 kPa (7 bar)				
	Q 65 mm (2.5") BSP Female		F Automatic 60-150 gpm @ 75 psi 230-570 l/min @ 500 kPa (5 bar)				
	R 65 mm (2.5") BSP Male		H Automatic 30-95 or 95-150 gpm @ 100 psi				
	S 65 mm (2.5") Chinese Snap Fit		J Automatic 30-70, 70-110, or 110-150 gpm @ 100 psi				
	T 38 mm (1.5") NPSH Female		L Automatic 30-100 or 90-150 gpm @ 75 psi				
	U 38 mm Storz		M Automatic 30-80, 60-110, or 110-150 gpm @ 75 psi				
	*Articulated couplings are subject to additional cost. Consult factory for other coupling options.						
					S Automatic 100-360 or 360-570 l/min @ 700 kPa (7 bar)		
					T Automatic 100-270, 270-430, or 430-570 l/min @ 700 kPa (7 bar)		
				V Automatic 100-390 or 390-570 l/min @ 500 kPa (5 bar)			
				W Automatic 100-300, 240-420, or 420-570 l/min @ 500 kPa (5 bar)			
				G Automatic 60-150 gpm, Automatic Override @ 100 psi			
				K Automatic 60-150 gpm, Automatic Override @ 75 psi			
				R Automatic 250-570 l/min, Automatic Override @ 700 kPa (7 bar)			
				U Automatic 240-570 l/min, Automatic Override @ 500 kPa (5 bar)			
				X Auto 100-360 or 360-570 l/min, Automatic Override @ 700 kPa (7 bar)			





## The Vibrating Flow Indicator

The vFlow makes a distinct vibration that is felt by the hose crew when their charged line achieves a predetermined minimum target fire flow.

The field adjustable set point is easily changed to meet your operational standards and is factory set at 570 l/min (150 gpm).

The vFlow can be used with all types of handheld nozzles; automatic, selectable flow, fixed orifice, or smooth bore. It can be installed directly behind the nozzle, or behind a two foot length of hose when used with smooth bore and low pressure nozzles.



VFI200M



*Inside the vFlow, self-cleaning turbine vanes work to shed hoseline debris.*



- You'll Know You've Reached Your Minimum Target Fire Flow, Because You'll Feel It
- Easily Set to Your Specific Operational Fire Flows
- Water Powered Turbine Means No Electronics, or Batteries and Generally No Maintenance
- Rugged Hardcoat Anodized Aluminum with Reflective Labeling

## vFlow™ Order Matrix

VFI200M	VFI200E	Inlet	Outlet
Labeled with adjustable flow set points of: 360, 470, 570 or 665 l/min	Labeled with adjustable flow set points of: 95, 125, 150 or 175 gpm	38 mm (1.5") NH Female	38 mm (1.5") NH Male

*The vFlow is intended for handheld use in a hose line with water or solutions of water and foam concentrate. It is not intended for compressed air foam, or other liquids.*



# BlitzForce™ PORTABLE MONITOR



XXLC-32  
Package

## BlitzForce Lightweight Portable Attack Monitor

The BlitzForce is one of Task Force Tips' innovative, lightweight, and highly versatile portable attack monitors. Rated up to 2000 l/min (500 gpm), BlitzForce integrates a low loss waterway with positive locking valve control, and a corrosion preventing anodized and powder coat finish. An exclusive high strength tie-down strap and carbide tipped folding legs offer extreme stability in varying fire environments. With an integral stream shaper for superior reach and penetration performance, the BlitzForce delivers a 20 degree side to side (40 degree total) and a 20 degree up and down range of stream motion. A five year warranty, stainless steel apparatus mounting bracket, and your choice of combination nozzle or stacked tips are standard.

## Small, Lightweight and Compact Design

Weighing just 6.6 kg (14.5 lbs.), the BlitzForce stores securely for a rapid deployment in a space of only 48 x 23 x 30 centimeters (19 x 9 x 12 inches), and a ground hugging 66 cm (26") wide when deployed for initial attack.

## High Flow, Low Loss Waterway

Full flow 65 mm (2") waterway provides 2000 l/min (500 gpm) initial attack flows with only 1/2 bar (9 psi) loss. A removable internal stream straightener is standard, and the valve design provides positive locking in the closed position.

## Optional Oscillation

The BlitzForce OSC monitor features a water driven turbine that when engaged, allows the nozzle to automatically sweep 10, 15, or 20 degrees either side of center. The simple to use oscillating mechanism can be disengaged allowing manual horizontal rotation.

## High Performance Fire Streams Flexibility

With horizontal rotation of 20 degrees either side of center, and an elevation range 30 to 60 degrees in unmanned mode, or a low 20 degree angle when manned, the BlitzForce provides amazing operational versatility.

## Rugged Durability

Each monitor is produced from hard coat anodized aluminum alloy, stainless steel, and is powder coated for maximum corrosion and abrasion resistance. Permanent laser engraved operational instructions, reflective labeling, unique product serialization, and a stainless apparatus mounting bracket are all standard.

## BlitzForce™ Order Matrix

Ground Monitor	Nozzle Type	Bracket	Combination Package Number
XXL111A BlitzForce Portable Monitor with Ball Valve	<b>ZN12A</b> Fixed Gallonage 2000 l/min @ 7 bar (500 gpm @ 100 psi)	XXL-B Stainless Steel Storage Bracket	<b>XXLC-32</b> BlitzForce Portable Monitor, ZN Combination Nozzle, Storage Bracket
	<b>MST-3NJ</b> 3 Stacked Tips: 25 mm, 32 mm, 38 mm (1", 1.25" and 1.5")		<b>XXLC-42</b> BlitzForce Portable Monitor, Stacked Tips, Storage Bracket
	<b>Max Series Nozzle</b> MD12A, MD14A, MD17A, MD18A, MD22A, MD27A, MD28A, MD32A Visit <a href="http://www.tft.com">www.tft.com</a> for specifications.		<b>XXLC-52</b> BlitzForce Portable Monitor, Choice of Max Series Nozzle, Storage Bracket
XXL211A BlitzForce Oscillating Portable Monitor with Ball Valve	<b>ZN12A</b> Fixed Gallonage 2000 l/min @ 7 bar (500 gpm @ 100 psi)	XXL-B Stainless Steel Storage Bracket	<b>XXLC-33</b> BlitzForce Oscillating Portable Monitor, ZN Combination Nozzle, Storage Bracket
	<b>MST-3NJ</b> 3 Stacked Tips: 25 mm, 32 mm, 38 mm (1", 1.25" and 1.5")		<b>XXLC-43</b> BlitzForce Oscillating Portable Monitor, Stacked Tips, Storage Bracket
	<b>Max Series Nozzle</b> MD12A, MD14A, MD17A, MD18A, MD22A, MD27A, MD28A, MD32A Visit <a href="http://www.tft.com">www.tft.com</a> for specifications.		<b>XXLC-53</b> BlitzForce Oscillating Portable Monitor, Choice of Max Series Nozzle, Storage Bracket

# TRANSFORMER

## PIERCING NOZZLE™

### PA1 - Piercing Nozzle System

The Task Force Tips Transformer PA1 Piercing Nozzle System is designed to deliver water or foam solutions to areas inaccessible to the fire fighter. A series of jets near the point apply a wide reaching pattern at a rated flow of 570 l/min at 7 bar (150 gpm at 100 psi).

The PA1 system includes a unique twist-grip shutoff valve, a 3 port junction block with striking head, 2 extension tubes, and the flow tube with piercing point. The easy to use and rugged, twist-grip shutoff valve, regulates nozzle flow without the need for an additional shutoff valve.

The 3 port junction block and strike head allow the nozzle to be configured to short, medium, long and L shaped combinations, making it easily adaptable to specific fireground situations.

The PA1 system features a hardened steel piercing point, all extension tubes and valve are constructed of hard coated extruded aluminum, and a sturdy nylon carrying bag with compartments for each component is included.



### Transformer™ PA1 Order Matrix

PA1	Inlet
Includes: 2 - 48 cm (19") Extension Tubes, 1 - 36 cm (14") Flow Tube with Piercing Point, Twist-Grip Shutoff Valve, 3 Port Junction Block with Striking Head, and Nylon Carry Bag	2.5 cm (1.5") NH Female



Individual components can be purchased separately. A complete list of accessories and pricing is available in **TFT's World Product Specifications catalog**.

### Configuration Examples





Includes  
Distribution Nozzle &  
Pistol Grip

**TRANSFORMER**  
PIERCING NOZZLE™

## PA2 - Piercing Nozzle System

The Task Force Tips Transformer PA2 Piercing Nozzle System is designed to deliver water or foam solutions to areas inaccessible to the fire fighter. A series of jets near the point apply a wide reaching pattern at a rated flow of 570 l/min at 7 bar (150 gpm at 100 psi).

The PA2 system includes a distribution nozzle rated at 570 l/min (150 gpm), that provides a wide fully filled pattern, and an adapter allowing the distributor nozzle to be used on any 2.5 cm (1.5 ") NH threaded hoseline.

Also included is a unique twist-grip shutoff valve, a 3 port junction block with striking head, pistol grip, 2 extension tubes, and the flow tube with piercing point. The easy to use and rugged, twist-grip shutoff valve, regulates nozzle flow without the need for an additional shutoff valve.

The 3 port junction block and strike head allow the nozzle to be configured to short, medium, long and L shaped combinations, making it easily adaptable to specific fireground situations.

The PA2 system features a hardened steel piercing point, an aluminum and stainless distribution nozzle, all extension tubes, pistol grip and valve are constructed of hard coated extruded aluminum, and a sturdy nylon carrying bag with compartments for each component is included.

## Transformer™ PA2 Order Matrix

PA2	Inlet
Includes: 2 - 48 cm (19") Extension Tubes, 1 - 36 cm (14") Flow Tube with Piercing Point, Twist-Grip Shutoff Valve, Pistol Grip, 3 Port Junction Block with Striking Head, Distribution Nozzle, Adapter, and Nylon Carry Bag	2.5 cm (1.5") NH Female

*Individual components can be purchased separately. A complete list of accessories and pricing is available in TFT's World Product Specifications catalog.*



Extension Tubes



Flow Tube with Piercing Point



Twist-Grip Shutoff Valve



Pistol Grip



Junction Block with Striking Head



Distribution Nozzle



Adapter



PA2



# PRO/pak<sup>®</sup>

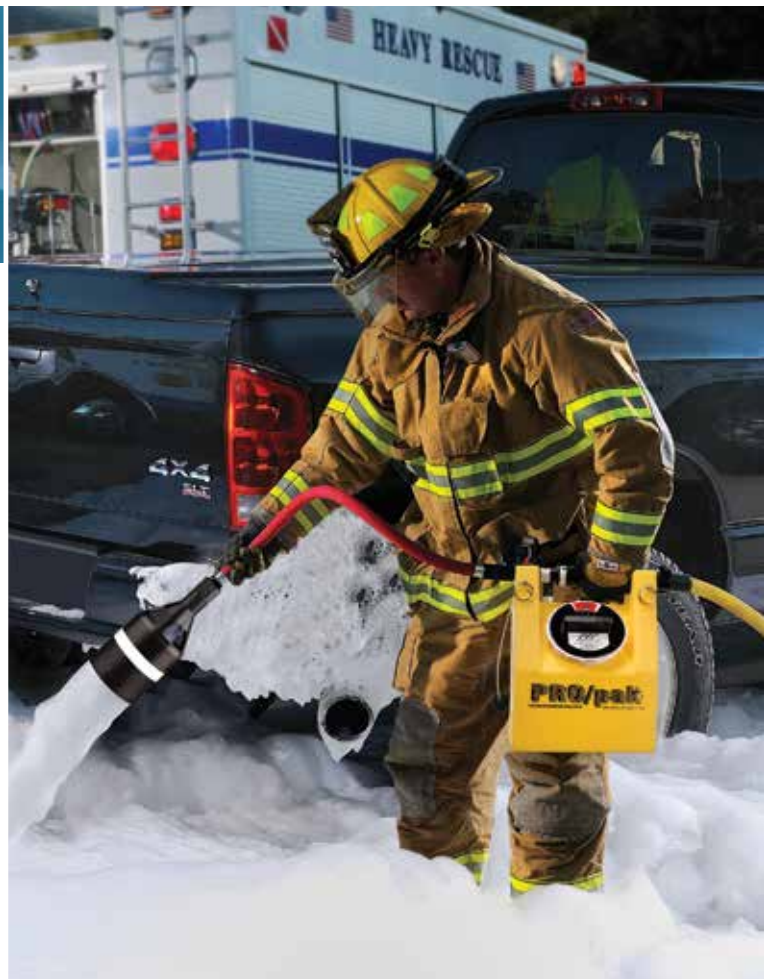
## Portable Multipurpose Foam System

TFT's PRO/pak foam injection and application system is the ideal choice for rapid vapor suppression with any Class A, AFFF or Alcohol Resistant foam concentrate.

Everything you need is contained in one package that attaches to the end of your 25 mm (1") or 38 mm (1.5") fire hose. The PRO/pak has a high impact 9.5 l (2.5 g) foam reservoir with a built-in eductor that can be set to the ratio of foam or wetting agents being used.

A large, easy-open fill port has an indicator to show the type of liquid in the tank. Flow is controlled by a twist grip valve that also functions as a carrying handle.

With three different quick connect nozzles included, the PRO/pak system is capable of producing low or medium expansion finished foam, while operating at low inlet pressures.



- Inlet Pressures from 3 to 34 bar (40 to 500 psi), with a Nominal Flow of 45 l/min at 7 bar (12 pgm at 100 psi)
- Rapid Suppression Foam System That Is Rugged, Compact and Lightweight
- Works with any Class A, AFFF or Alcohol Resistant Foam Concentrates

### PRO/pak<sup>®</sup> Order Matrix

Model	Coupling	Thread
UM12	25 mm (1.0")	NH
UM12-NF	38 mm (1.5")	NH (Angled Coupling)

*Individual components can be purchased separately. A complete list of accessories and pricing is available in TFT's World Product Specifications catalog.*



## G-Force Foam Attachments

Low and Multi-Expansion foam attachments are designed specifically to enhance foam application performance through the G-Force Series of fixed, selectable gallonage, and automatic nozzles.

Both attachments are easily added or removed using a simple clamping mechanism that attaches to the nozzle's front bumper. Produced from lightweight polymers, both the low expansion and multi-expansion attachments are ideally suited for Class A and flammable liquid applications.

The multi-expansion attachment offers the highest foam expansion and finished foam performance with alcohol resistant foam concentrates (synthetics). The low expansion attachment is ideal for protein and fluoroprotein concentrates.



FJ-LX-G  
Low Expansion



FJ-MX-G  
Multi-Expansion



**G-Force** foam attachments are compatible with the following foam concentrates:

Protein (P)

Fluoroprotein (FP)

Film Forming Fluoroprotein (FFFP)

Alcohol Resistant Fluoroprotein (AR-FP)

Alcohol Resistant Film Forming Fluoroprotein (AR-FFFP)

Aqueous Film Forming Foam (AFFF)

Alcohol Resistant Film Forming Foam (AR-AFFF)

Class A



# Resources



You'll find everything you need at [www.tft.com](http://www.tft.com) including:

- Operational Manuals, Service and Training Information
- On-line Technical Library
- On-line Catalog and Product Search
- Demo and Product Videos

Every product is backed by TFT's:

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