TRINITY™ TOUCH

TRIFLEX®

Nylon Conduits & Fittings

EN 45545-2 REACH CERTIFIED UV CE RoHS✓ HALOGEN FREE

Simply Solutions

TRINITY TOUCH

Organisation

Trinity Touch is a leading product manufacturer and solutions provider for Industrial Electrical applications. We supply our high quality products and solutions to various industries such as Panel Builders, Machine Builders, Renewable Energy & Telecom to name a few.

Trinity Touch has three Business Areas that have become technology or market leading in their respective areas of application:
- Cabinet Plus - for Electrical & Electronic Components.
- Solutions - Solar Solutions, Wind Solutions, Telecom Solutions etc.
- EV Solutions - Electric Vehicle Components & Charging Infrastructures.

We have a national and global presence to service the needs and requirements of our customers and are exporting our products to over 20 countries. We have a production capability of 10+ production principles including- extrusion, molding, stamping, plating etc.

Solutions
Trinity Touch provides market leading electrical solutions for various applications. We have technology and market leading solutions for industries such as Solar, Wind, Railways, Telecom and EV Solutions. In the Solar Industry, we have supplied over 75 GWp worth of solutions worldwide. More recently we have launched a range of completely indigenised Charging Cables. Trinity Touch has been working with Electric Vehicles since 2018 with an aim of addressing the growing environmental concerns.
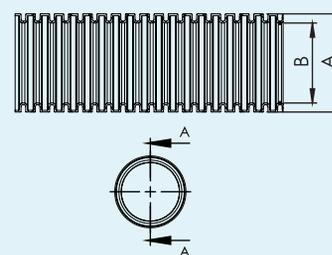
Products
Trinity Touch focuses on manufacturing various items used in control cabinet industry. Trinity Touch is one of the leading manufacturers of industrial grade Enclosures, Cable Glands, Wiring Ducts, DIN Rails, Solderless Terminals Interface Modules and Timers to name just a few in the control cabinet industry. We have many prestigious clients for these products including leading System Integrators, Panel Builders, Machine Builders and Industrial Corporations globally.

Approvals

CE · RoHS✓ · REACH CERTIFIED · c(UL) · c(RU)® · ARAI · CSA® c US · VDE · EN 45545 · Lloyds Register TYPE APPROVAL · c(RU)® US · UV · HALOGEN FREE · UKCA · FRLS

Flexible Conduits

- Material : Nylon PA6.
- Color : Black (RAL 9005).

Article No.	Description	Reel Length (M)	Dimension (mm)		NW	Color
			A	B		
011727101	TTCPA 10B-100M	100 Mtr.	10	6.5	7	Black
011727102	TTCPA 13B-100M	100 Mtr.	13	9.8	10	Black
011727103	TTCPA 16B-50M	50 Mtr.	15.8	11.8	12	Black
011727166	TTCPA 18B-50M	50 Mtr.	18.5	14.2	-	Black
011727104	TTCPA 21B-50M	50 Mtr.	21.2	16.7	17	Black
011727167	TTCPA 25B-50M	50 Mtr.	25	19.3	-	Black
011727105	TTCPA 28B-50M	50 Mtr.	28.5	23	23	Black
011727106	TTCPA 34B-25M	25 Mtr.	34.5	28.1	29	Black
011727107	TTCPA 42B-25M	25 Mtr.	42.5	35.5	36	Black
011727108	TTCPA 54B-25M	25 Mtr.	54.5	47.2	48	Black

Product Information :

- Manufactured to IEC 61386.
- Self extinguishing, Flame retardant, UL 94 V2.
- Temp. range: -40°C to +120°C.
- UV stabilized.
- Highly flexible.
- High impact strength.
- High fatigue life.
- Halogen, sulphur and phosphorus free.
- Resistant to solvent and oils.

Flexible Conduits

- Material : Nylon PA6.
- Color : Black (RAL 9005).
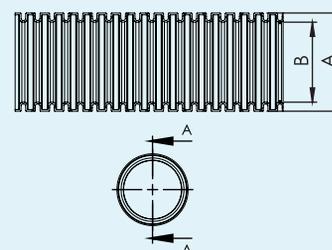
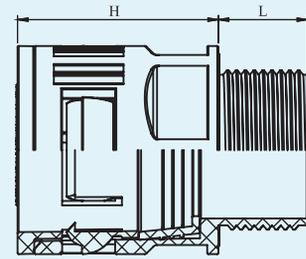| Article No.	Description	Reel Length (M)	Dimension (mm)		NW	Color
			A	B		
011727133	TTCPA 10B-100M_EN45545	100 Mtr.	10	6.5	7	Black
011727134	TTCPA 13B-100M_EN45545	100 Mtr.	13	9.8	10	Black
011727135	TTCPA 16B-50M_EN45545	50 Mtr.	15.8	11.8	12	Black
011727168	TTCPA 18B-50M_EN45545	50 Mtr.	18.5	14.2	-	Black
011727136	TTCPA 21B-50M_EN45545	50 Mtr.	21.2	16.7	17	Black
011727169	TTCPA 25B-50M_EN45545	50 Mtr.	25	19.3	-	Black
011727137	TTCPA 28B-50M_EN45545	50 Mtr.	28.5	23	23	Black
011727138	TTCPA 34B-25M_EN45545	25 Mtr.	34.5	28.1	29	Black
011727139	TTCPA 42B-25M_EN45545	25 Mtr.	42.5	35.5	36	Black
011727140	TTCPA 54B-25M_EN45545	25 Mtr.	54.5	47.2	48	Black

Product Information :

- Manufactured to IEC 61386.
- Self extinguishing, Flame retardant, UL 94 V0.
- Temp. range: -40°C to +120°C.
- UV stabilized.
- EN 45545-2
  R22 (interior equipment) class HL1, HL2 and HL3.
  R23 (exterior equipment) class HL1,HL2 and HL3.
- Highly flexible.
- High impact strength.
- High fatigue life.
- Halogen, sulphur and phosphorus free.
- Resistant to solvent and oils.

MAKE IN INDIA

Conduit Fittings

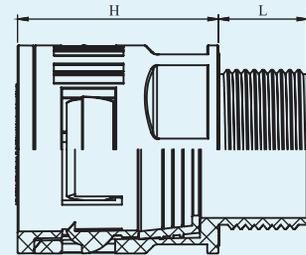- Material : Nylon PA6.
- Color : Black (RAL 9005).
- Thread : Pg.

Article No.	Description	Standard Packing	Dimension (mm) L	H	Color
011727117	TTFPA 10-PG7B	50 nos.	10	22.6	Black
011727118	TTFPA 13-PG9B	50 nos.	10	24.6	Black
011727119	TTFPA 16-PG11B	50 nos.	11	27.3	Black
011717548	TTFPA 18-PG13B	50 nos.	13	28.5	Black
011727120	TTFPA 21-PG16B	25 nos.	14	31	Black
011727121	TTFPA 28-PG21B	25 nos.	16	36	Black
011727122	TTFPA 34-PG29B	10 nos.	15	38.5	Black
011727123	TTFPA 42-PG36B	5 nos.	16	41	Black
011727124	TTFPA 54-PG48B	2 nos.	15	42	Black

Product Information :

- Temp. range : -40˚C to +120˚C.
- IP 68.
- UV stabilized
- High tensile.

- High sealing & performance.
- Push fit and easy removal.
- Suitable for knockouts and threaded entries.
- Locknut separated.

Conduit Fittings

- Material : Nylon PA6.
- Color : Black (RAL 9005).
- Thread : Pg.

Article No.	Description	Standard Packing	Dimension (mm) L	H	Color
011727141	TTFPA 10-PG7B_EN45545	50 nos.	10	22.6	Black
011727142	TTFPA 13-PG9B_EN45545	50 nos.	10	24.6	Black
011727143	TTFPA 16-PG11B_EN45545	50 nos.	11	27.3	Black
011727144	TTFPA 21-PG16B_EN45545	25 nos.	14	31	Black
011727145	TTFPA 28-PG21B_EN45545	25 nos.	16	36	Black
011727146	TTFPA 34-PG29B_EN45545	10 nos.	15	38.5	Black
011727147	TTFPA 42-PG36B_EN45545	5 nos.	16	41	Black
011727148	TTFPA 54-PG48B_EN45545	2 nos.	15	42	Black

Product Information :

- Manufactured to IEC 61386.
- Temp. range : -40˚C to +120˚C.
- IP 68.
- UV stabilized
- High tensile.
- EN 45545-2
  R22 (interior equipment) class HL1, HL2 and HL3.
  R23 (exterior equipment) class HL1,HL2 and HL3.

- High sealing & performance.
- Push fit and easy removal.
- Suitable for knockouts and threaded entries.
- High impact strength.
- Highly flexible with excellent fatigue life.
- Locknut separated.

Conduit Fittings

- Material : Nylon PA6.
- Color : Black (RAL 9005).
- Thread : Metric.
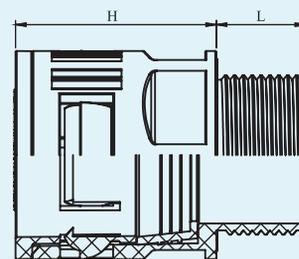
Article No.	Description	Standard Packing	Dimension (mm)		Color
			L	H	
011717540	TTFPA 10-M12B	50 nos.	10	22.6	Black
011717541	TTFPA 13-M16B	50 nos.	10	24.6	Black
011717542	TTFPA 16-M20B	50 nos.	11	27.3	Black
011717543	TTFPA 21-M20B	25 nos.	14	31	Black
011717549	TTFPA 25-M25B	25 nos.	16	36	Black
011717544	TTFPA 28-M25B	25 nos.	16	36	Black
011717545	TTFPA 34-M32B	10 nos.	15	38.5	Black
011717546	TTFPA 42-M40B	5 nos.	16	41	Black
011717547	TTFPA 54-M50B	2 nos.	15	42	Black

Product Information :

- Temp. range : -40°C to +120°C.
- IP 68.
- UV stabilized
- High tensile.

- High sealing & performance.
- Push fit and easy removal.
- Suitable for knockouts and threaded entries.
- Including locknut.

Conduit Coupler

- Material : Nylon PA66.
- Color : Black (RAL 9005),
  Grey (RAL7031) (available on request).
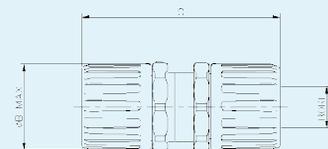
Article No.	Description	Conduit Size	Dimension (mm)			Color
			A	B	C	
010600714	FPA16-FPA16B	16	11.7	29	69.5	Black
010600715	FPA21-FPA21B	21	15.3	32	71.0	Black
010600716	FPA28-FPA28B	28	20.3	44	81.0	Black
010600717	FPA34-FPA34B	34	27.0	51	87.0	Black
010602637	FPA42-FPA42B	42	33.5	63	101.0	Black
010602573	FPA54-FPA54B	54	40.7	76	113.0	Black

Product Information :

- Temp range : -50°C to +135°C.
- IP rating : IP66.
- UV stabilized (black).
- High tensile.

- Fast fit.
- Can be removed using a screwdriver.
- Anti vibration & tamper resistant.

TRINITY TOUCH

90° Elbow Conduit Fitting

- Material : Nylon PA66
- Color : Black (RAL 9005),
  Grey (RAL7031).
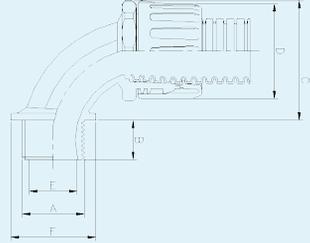
Article No.	Description	Conduit Size	PG Thread A	Dimension (mm)					Color
				B	C	D	E	F	
010601523	FPA10-PG7-90B	10	Pg7	8	24	19	6.5	16	Black
010600601	FPA13-PG9-90B	13	Pg9	10	36	24	10.5	22	Black
010600603	FPA16-PG11-90B	16	Pg11	10	39	29	10.5	24	Black
010600606	FPA21-PG16-90B	21	Pg16	11	42	32	14.0	27	Black
010600607	FPA28-PG21-90B	28	Pg21	12	54	44	19.0	35	Black
010600608	FPA34-PG29-90B	34	Pg29	12	63	51	24.5	44	Black
010600609	FPA42-PG36-90B	42	Pg36	12	87	63	39.0	57	Black
010600610	FPA54-PG48-90B	54	Pg48	15	89	76	49.5	70	Black

Product Information :

- Temp range : -50°C to +135°C.
- IP rating : IP66.
- UV stabilized (black).
- High tensile.

- Metric thread also available.
- Fast fit.
- Can be removed using a screwdriver.
- Anti vibration & tamper resistant.

FPA-Conduit T-Pieces

- Material : Nylon PA66.
- Color : Black (RAL 9005),
  Grey (RAL7031) (available on request).
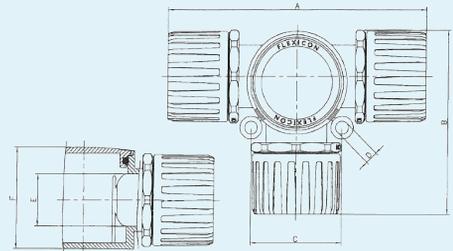
Article No.	Description	Conduit Size	Dimension (mm)						Color
			A	B	C	D	E	F	
010601896	FPA16TB	16	96	62	33	6.2	14.0	31	Black
010601422	FPA21TB	21	99	63	34	6.2	19.0	35	Black
010601426	FPA28TB	28	125	87	45	6.0	25.0	48	Black
010601443	FPA34TB	34	130	91	48	7.2	33.0	54	Black
010602646	FPA42TB	42	150	110	55	7.2	41.0	65	Black

Product Information :

- Temp range : -50°C to +135°C.
- IP rating : IP66.
- UV stabilized (black).
- High tensile.

- Fast fit.
- Can be removed using a screwdriver.
- Anti vibration & tamper resistant.

FPA - Conduit Divider

- Material : Nylon PA66.
- Color : Black (RAL 9005),
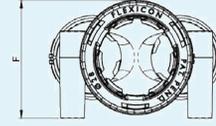   Grey (RAL7031) (available on request).
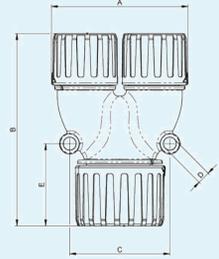
| Article No. | Description | Conduit In | Conduit Out | Dimension (mm) | | | | | | Color |
				A	B	C	D	E	F	
010602645	FPA16-13-13B	16	13	49	77	24	4.0	33	29	Black
010602584	FPA21-16-16B	21	16	59	89	32	5.0	33	32	Black
010602585	FPA28-21-21B	28	21	67	93	49	6.0	40	45	Black
010602642	FPA34-28-28B	34	28	90	116	48	6.5	43	51	Black

Product Information :

- Temp range : -50°C to +135°C.
- IP rating : IP66.
- UV stabilized (black).

- Fast fit.
- Can be removed using a screwdriver.
- Anti vibration & tamper resistant.

Locknuts

- Material : Nylon PA 6.
- Color : Black.

Article No.	Description	Color
011727093	TTLNPA- PG7B	Black
011727094	TTLNPA- PG9B	Black
011727095	TTLNPA- PG11B	Black
011727096	TTLNPA- PG16B	Black
011727097	TTLNPA- PG21B	Black
011727098	TTLNPA- PG29B	Black
011727099	TTLNPA- PG36B	Black
011727100	TTLNPA- PG48B	Black

Article No.	Description	Color
011727149	TTLNPA- PG7_BK_EN45545	Black
011727150	TTLNPA- PG9_BK_EN45545	Black
011727151	TTLNPA- PG11_BK_EN45545	Black
011727152	TTLNPA- PG16_BK_EN45545	Black
011727153	TTLNPA- PG21_BK_EN45545	Black
011727154	TTLNPA- PG29_BK_EN45545	Black
011727155	TTLNPA- PG36_BK_EN45545	Black
011727156	TTLNPA- PG48_BK_EN45545	Black

TRINITY TOUCH

Rubber End Cap

- Material : Thermoplastic elastomer.
- Color : Black.
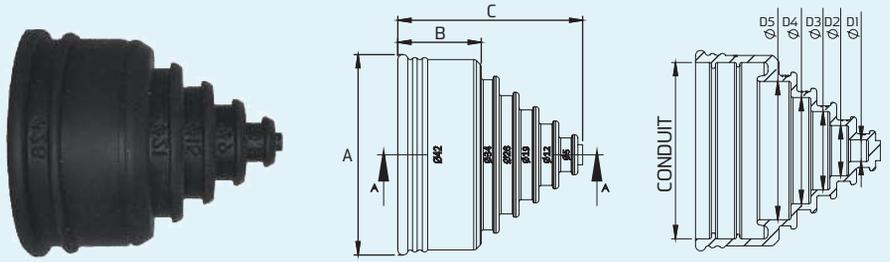
Article No.	Description	Conduit Size	Dimension (mm)									Colour
			A	B	C	D1	D2	D3	D4	D5	D6	
011727077	TTREC-10B	10	19.0	15.8	27	3.0	7.0	N/A	N/A	N/A	N/A	Black
011727078	TTREC-13B	13	19.0	16.0	27.0	3.0	7.0	N/A	N/A	N/A	N/A	Black
011727079	TTREC-16B	16	22.0	17.5	33.6	3.0	7.0	11.0	N/A	N/A	N/A	Black
011727080	TTREC-21B	21	27.5	19.0	38.5	3.0	7.0	11.0	15.0	N/A	N/A	Black
011727081	TTREC-28B	28	35.0	20.5	40.5	3.0	9.0	15.0	21.0	N/A	N/A	Black
011727082	TTREC-34B	34	42.0	20.4	40.5	3.0	10.0	17.0	25.0	N/A	N/A	Black
011727083	TTREC-42B	42	50.0	21.0	46.5	5.0	12.0	19.0	26.0	34.0	N/A	Black
011727084	TTREC-54B	54	62.0	21.0	51.0	5.0	12.0	19.0	27.0	35.0	46.0	Black

Product Information :

- Temp. range : -50°C to +120°C.
- IP Rating : Up to IP66 dependent on cable.
- UV stabilized (black).
- Oil resistant.

- Fast fit.
- Suitable for fine or coarse pitch conduits.
- Can be used as a blanking cap.

Non Metallic Conduit Clip

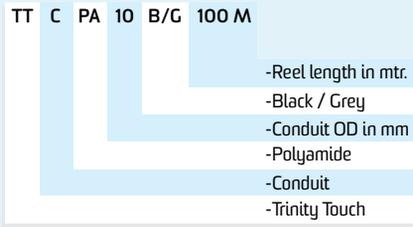- Material : Nylon PA66
- Color : Black (RAL 9005),
  Grey (RAL7031).
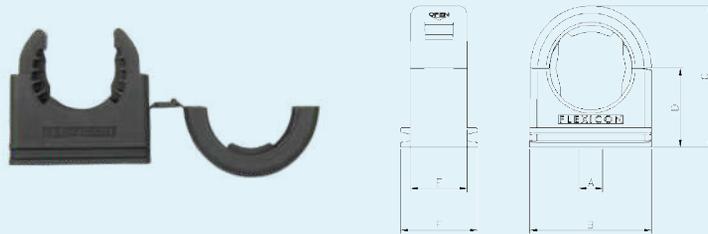
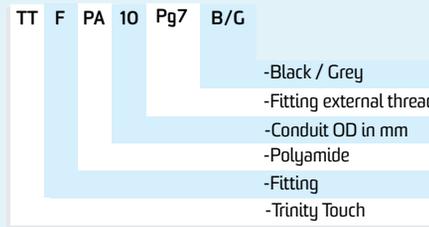| Article No.	Description	Conduit Size	A (Fixing Dia)	Dimension (mm)					Pull off (N)	Pull through (N)	Color
				B	C	D	E	F			
010600754	FCL10B	10	M5	23	26	15	12	20	450	100	Black
010600755	FCL13B	13	M5	23	26	15	12	20	450	100	Black
010600756	FCL16B	16	M5	26	30	17	12	20	500	100	Black
010600758	FCL21B	21	M6	32	36	20	15	20	600	200	Black
010600759	FCL28B	28	M6	41	45	24	15	20	700	350	Black
010600760	FCL34B	34	M6	48	51	27	15	20	800	500	Black
010600761	FCL42B	42	M6	57	60	31	15	20	1000	500	Black
010600762	FCL54B	54	M6	70	72	37	15	20	1200	500	Black

Product Information :

- Temp. range : -50°C to +135°C.
- Integral lid.
- UV stabilized (black).

- Fast Fit.
- High pull off and pull through strength.
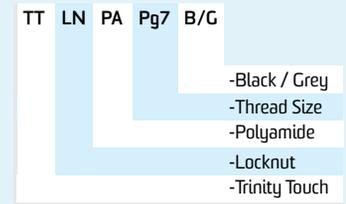- Can be removed using a screwdriver.

Nomenclature

Conduit

TT C PA 10 B/G 100 M

- Reel length in mtr.
- Black / Grey
- Conduit OD in mm
- Polyamide
- Conduit
- Trinity Touch

Fitting

TT F PA 10 Pg7 B/G

- Black / Grey
- Fitting external thread
- Conduit OD in mm
- Polyamide
- Fitting
- Trinity Touch

Locknut

TT LN PA Pg7 B/G

- Black / Grey
- Thread Size
- Polyamide
- Locknut
- Trinity Touch

Application Area

Power Industry

Wind Energy

Telecommunication

Marine Industries

Automobiles

Railway

Infrastructure

Solar

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