IDENTIFICATION SELECTION GUIDE

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Printable Tubing
Identification Selection Guide

Product	Description	Features and Benefits	Key Selling Point	Temperature Range	Recommended Hardware & Software	Specifications and Approvals	Referrals	Format and Looks	Applications	Available Options
TMS-SCE TMS-SCE-2X 	TMS-SCE is a heat shrinkable wire marker made from durable, flame retardant, heat shrinkable polyolefin, which is designed to meet the needs of manufacturers with high performance requirements. TMS-SCE has a 3:1 shrink ratio and TMS-SCE-2X has a 2:1 shrink ratio.	• 3:1 and 2:1 shrink ratios • Quick recovery for heat sensitive areas • Lightweight for Aerospace Applications • UL recognised	High quality Military specification material that meets the performance standards of SAE-AMS-DTL-23053/5	Operating temperature range -55°C to +135°C	**Printer:** Any TE Identification printer **Ribbon:** TMS-RJS-RIBBON-4RPSCE or TMS-RJS-RIBBON-4AG (Silver) if tube is black **Software:** WinTotal v6.0	SAE-AMS-DTL-23053/5 EN45545-2 R24 HL2 NFPA130 UL STD 224 – E35586 CSA Certified MIL-STD-202 Method 215	Technical Data Sheet: TTDS-023 Product Specification Sheet: RW-2511	TMS is supplied in Ladder Format, with blue side taping	Rail Aerospace Mass Transport Military	(Minimum order quantity and longer lead times will apply for non-standard options) **Colours - Standard:** Yellow, White **Non Standard:** Red, Pink, Orange, Green, Blue, Grey, Black & Violet **Scoring options** – Standard: 1 score **Non Standard:** 2 & 3 scores (Scoring is a perforation to produce multiple markers per sleeve)
ZHD-SCE 	ZHD-SCE is a heat shrinking wire marker designed to bridge the gap for installations where the highest performance is demanded, without compromising on safety or capability. ZHD-SCE is a blend between D-SCE and HX-SCE, by being both zero halogen and diesel resistant.	• 2:1 shrink ratio • Resistant to burning • Resistant to industrial and rail fluids • Zero Halogen • Diesel resistant	ZHD-SCE is unique to the market, due to its Zero Halogen, low toxicity and low smoke; all while being resistant to diesel	Operating temperature range -55°C to +125°C	**Printer:** Any TE Identification printer **Ribbon:** 1966-RIBBON **Software:** WinTotal v6.0	EN45545-2 R22 HL2 EN 50343 NFPA130 BS 6853 Cat II	Technical Data Sheet: TTDS-263 Product Specification Sheet: RW-2536	ZHD-SCE is supplied in Ladder Format and has orange side tape	Rail Marine Aerospace Industrial Military	(Minimum order quantity and longer lead times will apply for non-standard options) **Colours - Standard:** Yellow, White **Non Standard:** Red, Orange, Green & Blue **Scoring options** – Standard: 1 & Side Scoring **Non Standard:** 2 scores (Scoring is a perforation to produce multiple markers per sleeve)
HX-SCE 	HX-SCE is a heat shrinkable wire marker, designed to give low fire hazard properties, allowing this product to be used in locations where fire poses a risk to human life and property.	• 2:1 shrink ratio • Zero Halogen • Low Toxic Fumes • Low Smoke • Self-extinguishing • Low heat release rate	HX-SCE is formulated to give low fire hazard properties	Operating temperature range -55°C to +105°C	**Printer:** Any TE Identification printer **Ribbon:** 1966-RIBBON **Software:** WinTotal v6.0	EN45545-2 R22 HL3 BS 6853 Vehicle CAT 1A NFPA130 NF F 16-101 London Underground1-085	Technical Data Sheet: TTDS-108 Product Specification Sheet: RW-2072	HX-SCE is supplied in Ladder Format and has green side tape	Rail Marine Aerospace Industrial Military	**Colours - Standard:** White, Yellow **Non-Standard:** Blue & Red (Minimum quantities apply for non-standard Colours as well as longer lead times)
D-SCE 	D-SCE is the market leading fluid resistant heat shrinking wire marker. It is used in applications where exposure to organic fluids, especially oils, is required for long periods at elevated temperatures. D-SCE comes standard with Side scoring.	• 3:1 shrink ratio • Diesel Resistant • Provides the wire with strain relief, insulation and protection from mechanical abuse	D-SCE has high resistance to organic fluids, common fuels, lubricants and solvents	Operating temperature range -75°C to +135°C	**Printer:** Any TE Identification printer **Ribbon:** TMS-RJS-RIBBON-4DSCE (Optimal) 1966-RIBBON (Superior) **Software:** WinTotal v6.0	NF F 00 608 type H EN45545-2 R24 HL3 NFPA130 SAE-AMS-DTL-23053/6 MIL STD 202 Mthd 215	Technical Data Sheet: TTDS-017 Product Specification Sheet: RW-2519	D-SCE is supplied in Ladder Format and has green side tape	Rail Marine Aerospace Industrial Military	**Colours - Standard:** White, Yellow **Non-Standard:** Blue & Red (Minimum quantities apply for non-standard Colours as well as longer lead times)
HT-SCE 	HT-SCE is a heat shrinkable wire marker, made from highly flame retardant, heat-shrinkable fluoropolymer. HT-SCE is designed for use in high temperature applications where extreme resistance to fuels, lubricants and solvents is required. Designed for space vehicle and equipment (low-vacuum outgassing)	• 2:1 Shrink ratio • Space vehicle applications (Low-vacuum outgassing) • Fluid resistance • Highly flame retardant	HT-SCE has the ability to operate continuously at very high temperatures	Operating temperature range -55°C to +225°C	**Printer:** Any TE Identification printer **Ribbon:** TMS-RJS-RIBBON-4HT (If Black tubing: T300-RIBBON-WH-4HT) **Software:** WinTotal v6.0	SAE AS4952 adherence EN45545-2 R24 HL3 NFPA130 MIL-STD-202 Method 215	Technical Data Sheet: TTDS-020 Product Specification Sheet: RW-2512	HT-SCE is supplied in Ladder Format, with green side taping	Rail Marine Aerospace Industrial Space Military Automotive	(Minimum order quantity and longer lead times will apply for non-standard options) **Colours - Standard:** White & Black **Non Standard:** Pink, Blue & Yellow **Scoring options** – Standard: 1 score **Non Standard:** 2 & 3 scores (Scoring is a perforation to produce multiple markers per sleeve)
UV-SCE 	UV-SCE is a heat shrinkable wire marker that is designed specifically to allow customers to identify wires and cable in outdoor environments where some exposure to UV light is possible.	• 2:1 shrink ratio • Good Temperature resistance • Resistant to key rail and industrial fluids, such as diesel	UV-SCE is suited to locations that experience exposure to sunlight, due to it's superior resistance to Ultra-Violet light	Operating temperature range -55°C to +200°C	**Printer:** Any TE Identification printer **Ribbon:** T300-UV-SCE-RIBBON **Software:** WinTotal v6.0	BS EN 60068-2-11 EN45545-2 R23 HL1 EN45545-2 R24 HL3 NFPA130 NFT N46-019 IEC 60068-2-5	Technical Data Sheet: TTDS-255 Product Specification Sheet: RW-2534	UV-SCE is supplied in Ladder Format, with yellow side taping	Aerospace Industrial Mass Transport Space Military Oil & Gas	(Minimum order quantity and longer lead times will apply for non-standard options) **Colours - Standard:** Yellow, White **Scoring options** – Standard: 1 score (Scoring is a perforation to produce multiple markers per sleeve)
RPS 	RPS is a commercial grade heat-shrinkable wire marker, designed to meet the needs of commercial and industrial customers.	• 3:1 shrink ratio • Good chemical and solvent resistance • Configured for ease of kitting • UL recognised	General purpose with many possible applications	Operating temperature range -30°C to +105°C	**Printer:** Any TE Identification printer **Ribbon:** TMS-RJS-RIBBON-4RPSCE **Software:** WinTotal v6.0	MIL-STD-202 Mthd 215 SAE-AS4952 adherence NFPA130 EN45545-2 R23 HL1 EN45545-2 R24 HL2 UL STD 224 – E35586 CSA Certified	Technical Data Sheet: TTDS-019 Product Specification Sheet: RW-2510	RPS is supplied in Ladder Format and has pink side tape	Aerospace Industrial Mass Transport Space Military Oil & Gas	(Minimum order quantity and longer lead times will apply for non-standard options) **Colours - Standard:** Yellow, White **Scoring options** – Standard: 1 **Non Standard:** 2 & 3 scores (Scoring is a perforation to produce multiple markers per sleeve)

Printable Tags
Identification Selection Guide

Product	Description	Features and Benefits	Key Selling Point	Temperature Range	Recommended Hardware & Software	Specifications and Approvals	Referrals	Format and Looks	Applications	Available Options
CM-SCE-TP 	CM-SCE-TP is a flat non-adhesive tie-on cable marker tag, used to identify large cable and wire bundles in environments such as military and aerospace. CM-SCE-TP is applied to cables or wire bundles with cable ties. CM-SCE-TP is the thermal transfer printable version of CM-SCE.	• Highly flame resistant • Highly resistant to abrasion, mechanical abuse, fluids, lubricants and solvents • Excellent print performance	High quality Military specification tie-on cable marker that meets the performance standards of MIL STD 202	Operating temperature range -55°C to +135°C	**Printer:** T3212 or T3224 for best results **Ribbon:** 1966 RIBBON **Software:** WinTotal v6.0	EN45545-2 R24 HL3 NFPA130 UL MH26328 MIL STD 202 SAE AS 5942	Technical Data Sheet: TTDS-113 Product Specification Sheet: RW-2513	CM-SCE-TP is supplied in roll format	Rail Aerospace Mass Transport Military	**Colours - Standard:** White & Yellow **Hole options available:** 4 or 6
HTCM-SCE-TP 	HTCM-SCE-TP is a flat, rigid, non-adhesive tie-on cable marker tag, used to identify large cable and wire bundles in high temperature environments and outer space applications where low outgassing is required. HTCM-SCE-TP is the thermal printable version of HTCM-SCE.	• Self-extinguishing, non-flame propagating properties • Low vacuum out gassing • Resistant to abrasion, mechanical abuse, fluids, lubricants and solvents	HTCM-SCE-TP has excellent High Temperature performance	Operating temperature range -55°C to +225°C	**Printer:** T3212 or T3224 for best results **Ribbon:** TMS-RJS-RIBBON-4HT **Software:** WinTotal v6.0	Airbus Directive ABD0031 NFPA130 EN45545-2 R24 HL3 ASTM E 595 MIL STD 202G SAE AS 5942	Technical Data Sheet: TTDS-114 Product Specification Sheet: RW-2524	HTCM-SCE-TP is supplied in roll format	Rail Aerospace Mass Transport Military	**Colours - Standard:** White & Yellow **Hole options available:** 4 or 6
HL 	HL is a flat non-adhesive tie-on cable marker tag, used to identify large cable and wire bundles. HL is a flame retardant marker that can be applied post cable termination using standard cable ties.	• Resistant to key industrial and military grade fluids • Installations friendly – easy to replace, ideal for retrofitting and repairs. Only tie wraps needed	HL is a highly flame retardant tie-on cable marker with an oxygen index of 35% required to burn	Operating temperature range -55°C to +135°C	**Printer:** T3212 or T3224 **Ribbon:** 1966-RIBBON (Superior performance) or TMS-RJS-RIBBON-4RPSCE (Optimal) **Software:** WinTotal v6.0	EN45545-2 R24 HL3 NFPA130	Technical Data Sheet: TTDS-037 Product Specification Sheet: RW-2513	HL is supplied on a reeled paper carrier	Rail Aerospace Mass Transport Military	**Colours - Standard:** White, Yellow **Non-Standard:** Blue & Red (Minimum quantities apply for non-standard Colours as well as longer lead times)
HLX 	HLX is a flat non-adhesive tie-on cable marker tag, used to identify large cable and wire bundles. HLX is formulated to give Low Fire Hazard properties, which allows it to be used in locations where fire may pose risk to human life.	• Low toxic fumes • Low Smoke • Resistant to key industrial and military grade fluids	HLX is a Zero Halogen, self-extinguishing tie-on cable marker tag with an oxygen index of 39% required to burn	Operating temperature range -40°C to +105°C	**Printer:** T3212 or T3124 **Ribbon:** 1966-RIBBON or LBF-200P-RIBBON-1966-MED (for print width 60mm or less) **Software:** WinTotal v6.0	EN45545-2 R22 HL3 MIL STD 202 NF F 16-101 London Underground 1-085 A3 BS6853 Vehicle cat 1a SAE AS5942 Adherence	Technical Data Sheet: TTDS-013 Product Specification Sheet: RW-2523	HLX is supplied on a reeled paper carrier	Rail Aerospace Mass Transport Military	**Colours - Standard:** White, Yellow **Non-Standard:** Blue & Red (Minimum quantities apply for non-standard Colours as well as longer lead times)
HLX-NEL 	HLX-NEL is a flat non-adhesive tie-on cable marker tag, used to identify large cable and wire bundles. HLX-NEL is formulated to give Low Fire Hazard properties, which allows it to be used in locations where fire or smoke may pose risk to human life. HLX-NEL differs from HLX as its assembled in a Narrow Edge Leading (NEL) format.	• Narrow Edge Leading • Low toxic fumes • Low Smoke • Resistant to key industrial and military grade fluids	HLX-NEL is a Zero Halogen, self-extinguishing tie-on cable marker tag with an oxygen index of 39% required to burn	Operating temperature range -40°C to +105°C	**Printer:** T3212 or T3124 **Ribbon:** 1966-RIBBON or LBF-200P-RIBBON-1966-MED (for print width 60mm or less)**Software:** WinTotal v6.0	EN45545-2 R22 HL3 MIL STD 202 NF F 16-101 London Underground 1-085 A3 BS6853 Vehicle cat 1a SAE AS5942 Adherence	Technical Data Sheet: TTDS-134 Product Specification Sheet: RW-2529	HLX-NEL is supplied in continuous strip formed into punched tie on cable markers in a roll	Rail Aerospace Mass Transport Industrial	**Colours - Standard:** White & Yellow **Non-Standard:** Blue & Red (Minimum quantities apply for non-standard Colours as well as longer lead times)

Wire and Cable Identification Labels - Self Laminating

Identification Selection Guide

Product	Description	Features and Benefits	Key Selling Point	Temperature Range	Recommended Hardware & Software	Specifications and Approvals	Referrals	Format and Looks	Applications	Available Options
SBP 	Self laminating vinyl labels SBP is ideal for wire and cable identification. SBP is supplied with a white printable area, which can then be over-laminated by the translucent area of the label. SBP is 100µm thick with an acrylic adhesive.	• UL listed • Excellent conformability to irregular surfaces. • Withstands exposure to oil, solvents and water • Can be supplied in various colours as non-standard	Self-laminating – which protects the printing from chemicals and frequent handling	Operating temperature range -40°C to +110°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** TMS-RJS-RIBBON-4RPSCE **Software:** WinTotal v5 or PrintEasy v5	ASTM D3330 MIL STD 202F method 215 UL MH17292 PGJI2 MIL-M-81531 ASTM 3611	Technical Data Sheet: TTDS-211 Guide to Flag: 411-121050	SBP is supplied Die-Cut, in roll format	Industrial Rail Components Electronics Aerospace	**Colours - Standard:** White **Non-standard:** Red, Yellow, Orang, Green, Blue & Violet (Minimum quantities apply for non-standard Colours as well as longer lead times)
SP 	Self laminating polyester labels SP is ideal for wire and cable identification. SP is a low profile label supplied with white printable area, which can then be over-laminated by the translucent area of the label. SP is 45µm thick with an acrylic adhesive.	• Low profile design for conformability to wire and cable • Designed to better withstand exposure to oil, solvents and water • High tack adhesive – ideal for thin gauge wires	Self-laminating – which protects the printing from chemicals and frequent handling	Operating temperature range -40°C to +150°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0607-10 **Software:** WinTotal v6 or PrintEasy v5		Technical Data Sheet: TTDS-220	SP is supplied Die-Cut, in roll format	Industrial Electronics Telecoms	**Colours - Standard:** White
PVF 	Clear PVF Self laminating labels. Ideal in a variety of harsh chemical and physical environments the require self-extinguishing properties.	• Resistant to a variety of solvents • Self-laminating – which protects the printing from chemicals and frequent handling • Excellent ink receptivity • Self extinguishing as to UL94 V1	PVF is ideal for applications which require self-extinguishing properties	Operating temperature range -40°C to +107°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-3300-10 **Software:** WinTotal v6 or PrintEasy v5	AS-81531 UL94 V1 MIL STD 202F ASTM D1000-76 MIL-STD-833C BMS13-47	Technical Data Sheet: TTDS-111	PVF is supplied Die-Cut, in roll format	Circuit Board Electronics Space Aerospace	**Colours - Standard:** White
CSL	Self laminating polyester labels CSL is ideal for use on a wire or cable. CSL is supplied with white printable area, which can then be over-laminated by the translucent area of the label. CSL is 55µm (0.0022") think with a strong acrylic adhesive	• Designed to withstand exposure to solvents, salts, alkalis and water • Can be flagged or wrapped around wire • Strong acrylic adhesive	Self-laminating – which protects the printing from chemicals and frequent handling	Operating temperature range -30°C to +120°C	**Printer:** Any black desktop laser or inkjet printer **Software:** WinTotal v6.0 or PrintEasy v5	SAE-AS-81531 FTM 1	Technical Data Sheet: TTDS-208	CSL Labels are supplied Die-Cut, on an A4 sheet, which is then packed into a box	Industrial Telecoms Electronics General Purpose	**Colours - Standard:** White, Yellow
TKM & BKM 	Hand writable self laminating PVC label TKM/BKM is ideal for labels for identification of wire and cables. Supplied with a white writable area, which is then over-laminated by the translucent area of the label. TKM/BKM are 80µm (0.0031") thick with pressure sensitive acrylic adhesive.	• Resistant to chemicals and frequent handling • Designed to withstand exposure to solvents, salts, alkalis and water • Material is free from cadmium, silicone and PTFE and is not electrically conductive	TKM/BKM being hand writable allows for on the spot labelling, which is protected by the self-laminating feature	Operating temperature range -30°C to +120°C	N/A	FTM 1	Technical Data Sheet: TTDS-056	TKM is supplied in Die-Cut booklet form and BKM is supplied in sheet form	Industrial Electronics General Purpose	**Colours - Standard:** White

Wire and Cable Identification Labels - Flagging

Identification Selection Guide

Product	Description	Features and Benefits	Key Selling Point	Temperature Range	Recommended Hardware & Software	Specifications and Approvals	Referrals	Format and Looks	Applications	Available Options
TTVF 	Tedlar™ colour coding tape and labels TTVF is ideal for a variety of harsh physical and chemical environments, especially aerospace and military applications. TTVF is 75µm (0.003") thick polyvinyl fluoride with an acrylic pressure sensitive adhesive.	• Solvent and UV resistance • Can be used in wrap-around or flag configurations • Self extinguishing as to UL94 V1 • Excellent ink receptivity	TTVF is a high quality colour coding label, ideal for aerospace and military applications	Operating temperature range -40°C to +130°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-3300-10 **Software:** WinTotal v6 or PrintEasy v5	MIL-STD-833C MIL-M-87958 AS-81531 ASTM 3611 ASTM D1000-76 UL94 V1 BMS-13-47	Technical Data Sheet: TTDS-005	TTVF is supplied Die-Cut, in roll format	Aerospace Military	**Colours - Standard:** White & Yellow **Non-standard:** Red, Violet, Orange, Green & Blue (Minimum quantities apply for non-standard Colours as well as longer lead times)
PVF 	PVF - is a thermal transfer printable polyvinylfluoride film with a permanent acrylic adhesive, designed for wire and cable marking and other general labelling applications that require the "self-extinguishing" properties	• Resistant to a variety of solvents • Thermal Transfer printable • Ideal for Wire and cable marking • Self extinguishing adhesive	PVF - is ideal for applications which require self-extinguishing properties	Operating temperature range -40°C to +107°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-3300-10 **Software:** WinTotal	AS-81531 UL94 V1 MIL STD 202F ASTM D1000-76 MIL-STD-833C BMS13-47	Technical Data Sheet: TTDS-138	PVF is supplied Die-Cut, in roll format	Aerospace Military Electronics General Purpose Electrical	**Colours - Standard:** White
NPVF 	Tedlar® colour coding tape and labels NPVF is a non-printable tape for use as a wire bundle or cable wrap-around marker, particularly colour coding and bundling/ fixing applications in harness production. NPVF is 75µm (0.003") thick with a pressure sensitive acrylic adhesive	• Self extinguishing as to UL94 V1 • Superior resistance to water, oil, conventional cleaning agents, oil based solvents and UV • High degree of resistance to aging	NPVF is ideal for a variety of harsh physical and chemical environments, especially aerospace and military applications.	Operating temperature range -40°C to +107°C	N/A	MIL STD 833C DMS 2359 UL94 V1 BMS-13-47 GAT100BA ASTM D1000-76	Technical Data Sheet: TTDS-004	NPVF is supplied Die-Cut, in roll format	Aerospace Military	**Colours - Standard:** White, Red, Orange, Pink, Green, Blue, Grey, Black, Violet, Yellow & Clear
VF 	Tedlar® clear overlamination label VF is a clear, non-printable overlamination tape used to provide additional protection, in a variety of harsh environments, such as military and aerospace. VF is 50µm (0.0022") thick with pressure sensitive acrylic adhesive	• Can be used as an over-laminate in combination with all printable labels • Resistant to water, oil, cleaning agents and solvents • Self extinguishing as to UL94 V1	VF is ideal for harsh physical and chemical environments where UV and weather resistance is needed	Operating temperature range -40°C to +107°C	N/A	UL94 V1 ASTM D1000-76 Boeing 13-47G MIL STD 833C MIL M 87958	Technical Data Sheet: TTDS-006	VF is supplied Die-Cut, in roll format	General Purpose Aerospace Industrial Military	**Colours - Standard**: Clear
NC 	White Nylon cloth labels NC is designed for application to irregular surfaces where conformability is required and is ideal for wire and other round flexible surfaces. NC is 178µm (0.007") thick with an acrylic adhesive.	• Surface coating applied to enhance ink receptivity • Nylon cloth is highly durable	NC is a highly flexible material allowing for conformance with irregular surfaces	Operating temperature range -40°C to +145°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-3607-10 **Software:** WinTotal v6 or PrintEasy v5	MIL STD 202F method 215 MIL-M-81531 Adhesion Test: PSTC-1	Technical Data Sheet: TTDS-051	NC Labels are supplied Die-Cut, in rill format	Rail Tlecoms General Purpose Components	**Colours - Standard:** White

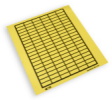
Industrial Labels
Identification Selection Guide

Product	Description	Features and Benefits	Key Selling Point	Temperature Range	Recommended Hardware & Software	Specifications and Approvals	Referrals	Format and Looks	Applications	Available Options
HM 	High tack metalized polyester labels HM is designed for application to rough surfaces where increased adhesion is required, such as rating labels, electrical facilities and devices. HM has special low surface energy properties. HM is 97µm (0.0038") thick with high tack acrylic adhesive.	• UL Listed • Suitable for applications exposed to chemicals • Low surface energy properties • Self extinguishing to UL94 V2	The high tack adhesive allows HM to bond with the most demanding surfaces.	Operating temperature range -40°C to +150°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0607-10 **Software:** WinTotal v6 or PrintEasy v5	ASTM-D-3330 AS-81531 UL MH17292 PGJI2 UL94 V2	Technical Data Sheet: TTDS-075	HM is supplied Die-Cut in roll format	Rail Industrial Telecoms General Purpose	**Colours - Standard:** Metalized Silver
HMM 	High tack matte metalized polyester labels HM is designed for application to rough surfaces where increased adhesion is required, such as rating and serial plates, metals, low surface energy plastics and powder coated surfaces. HMM is 107µm (0.0042") thick with high tack acrylic adhesive	• UL Listed • Ideal for rating plate applications • Matte surface provides excellent mark permanence	HMM labels have an ultra aggressive adhesive, for excellent bonding with the most demanding surfaces	Operating temperature range -40°C to +150°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0607-10 **Software:** WinTotal v6 or PrintEasy v5	UL MH17292 PGJI2ASTM-D2979	Technical Data Sheet: TTDS-118	HMM is supplied Die-Cut, in roll format	Industrial Components Telecoms General Purpose Electronics	**Colours - Standard:** Matte Metalized Silver
HW 	High tack white polyester labels HW is designed for application to rough surfaces where increased adhesion is required. Also excellent for bar-coding, component and general labelling. HW is 97µm (0.0038") thick with high tack acrylic adhesive.	• UL Listed • Excellent for bar-coding, component and general labelling applications • Suitable for applications exposed to chemicals • Self Extinguishing to UL94 V2	HW label has an aggressive adhesive allowing for bonding to the most demanding surfaces	Operating temperature range -40°C to +150°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0607-10 **Software:** WinTotal v6 or PrintEasy v5	UL MH17292 PGJI2 ASTM-D-3330 AS-81531 UL94 V2	Technical Data Sheet: TTDS-076	HW is supplied Die-Cut, in roll format	Rail Industrial Telecoms General Purpose	**Colours - Standard:** White
MP 	Metalized polyester labels MP is designed for rating plates and general purpose applications that require a high durability label with metal look, such as nameplates, equipment labels, products labels and serial number plates. MP is 72µm (0.0028") thick with an acrylic adhesive.	• UL listed • Ideal for rating plate applications • Metalized appearance/satin silver effect • General purpose, highly durable label	MP has a specially designed ink receptive top coat to improve mark permanence	Operating temperature range -40°C to +150°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0607-10 **Software:** WinTotal v6 or PrintEasy v5	UL MH17292 PGJI2 UL MH17292 PGJI8 (Canadian) FTM 1 SAE AS 4952 MIL STD 202	Technical Data Sheet: TTDS-074	MP is supplied Die-Cut, in roll format	Rail Industrial Electronics Components Telecoms General Purpose	**Colours - Standard:** Metalized Silver
WP 	White polyester labels WP is designed for general purpose applications, bar coding, PCB and component labelling, that requires a highly durable white label. WP is 72µm (0.0028") thick with an acrylic adhesive.	• UL Listed • Excellent chemical resistance • Excellent for use in PCB component labelling and bar coding applications	WP has a specially designed ink receptive top coat to improve mark permanence	Operating temperature range -40°C to +150°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0607-10 **Software:** WinTotal v6 or PrintEasy v5	UL MH17292 PGJI2 UL MH17292 PGJI8 (Canadian) FTM 1 SAE AS 4952 MIL STD 202	Technical Data Sheet: TTDS-073	WP is supplied Die-Cut, in roll format	Circuit Board Components Electronics General Purpose Aerospace Industrial	**Colours - Standard:** White
CP 	Clear polyester labels CP is designed for general purpose applications, such as rating plates, nameplates and serial number plates. Also Ideal for use as over-laminate to further protect printed labels. CP is 52µm (0.002") thick with an acrylic adhesive.	• Ideal for general labelling applications • Resistance to chemicals, solvents, abrasion, heat and moisture • Excellent adhesion to metal, painted metal, galvanized steel and plastic	CP is a highly versatile label, which can be printed on or used as an over laminate to protect printed labels	Operating temperature range -40°C to +150°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0607-10 **Software:** WinTotal v6 or PrintEasy v5	MIL STD 202F Adhesion Test: PSTC-1	Technical Data Sheet: TTDS-083	CP is supplied Die-Cut, in roll format	General Purpose	**Colours - Standard:** Clear

Industrial Labels
Identification Selection Guide

Product	Description	Features and Benefits	Key Selling Point	Temperature Range	Recommended Hardware & Software	Specifications and Approvals	Referrals	Format and Looks	Applications	Available Options
WPCR 	White polyester chemical resistant labels WPCR is ideal for bar coding, component labelling and general purpose labelling where there may be an exposure to chemicals and solvents. WPCR is 100µm (0.0039") thick with an acrylic adhesive	• Special chemical resistant top coat that 'locks in' thermal transfer print • Highly durable white label • Adhesive bonds well to low surface energy substrates	WPCR has excellent resistance to a variety of chemicals and solvents while maintaining print quality	Operating temperature range -40°C to +135°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1966-RIBBON **Software:** WinTotal v6 or PrintEasy v5	ASTM D 903 ASTM D 2979 MIL-M-81531 MIL STD 202 F	Technical Data Sheet: TTDS-301 (Not in e-commerce)	WPCR is supplied Die-Cut, in roll format	Electronics Industrial Components Rail	**Colours - Standard:** Matte White
WV 	White vinyl labels WV offers excellent conformability to round, irregular or flexible surfaces making ideal for wire and cable identification that are subject to repeated bending. WV is 75µm (0.003") thick with an acrylic adhesive.	• Resistant to oil, mild solvents, water and outdoor exposure • High tack adhesive bonds to most substrates including painted metal and low surface energy plastics	WV offers excellent comfortably to round, irregular or flexible surfaces that are subject to repeated bending	Operating temperature range -40°C to +80°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0607-10 **Software:** WinTotal v6 or PrintEasy v5	Adhesion Test: PSTC-1	Technical Data Sheet: TTDS-090	WV is supplied Die-Cut, in roll format	General Purpose Telecoms Rail Medical	**Colours - Standard:** White
HPK 	White Polypropylene labels HPK is ideal for identification of identity control panels and racks, as well as general labelling applications that require a high performance heavy gauge material. HPK is 180µm (0.007") thick with pressure sensitive acrylic adhesive	• Resistant to common fluids, lubricants and solvents • Self-adhesive backing for quick and easy fixing • Excellent abrasion resistance	HPK is designed to permanently identify control panel components and racks where high performance heavy gauge material is needed.	Operating temperature range -29°C to +80°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0607-10 **Software:** WinTotal v6 or PrintEasy v5	AS-81531 MIL STD 202F	Technical Data Sheet: TTDS-008	HPK is supplied Die-Cut, in roll format	Electronics Industrial	**Colours - Standard:** White
TTP 	Continuous Polyester label for decals TTP is designed to create nameplates, decals, banners and cable tray labels. They are also ideal for prototypes and small quality runs. TTP is 75µm (0.003") thick with acrylic adhesive.	• Efficient solution for expensive silk-screen printing • Interior and exterior aircraft use including flight entertainment and deck instrumentation • Self extinguishing to UL94 V2	TTP is a very versatile label, designed to create decals, nameplates, banners and cable tray labels.	Operating temperature range -40°C to +150°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0607-10 **Software:** WinTotal v6 or PrintEasy v5	ASTM-D-3330 MIL-P-38477A MIL STD 202FF UL94 V2	Technical Data Sheet: TTDS-031	TTP is supplied as a roll of continuous label	Aerospace Military Rail Medical	**Colours - Standard:** White, Grey & Clear
PL 	Printable polyester with foam adhesive which enables good bonding onto rough,textured and powder coated surfaces. Panel Labels are designed for general purpose applications that require a high durability. Typical applications include: industrial control panels, data racks, switchgear and general equipment labelling.	• Resistant to Industrial fluids, lubricants and solvents • Excellent bonding properties on textured and painted surfaces • For indoor and outdoor applications	50% customer saving (Product & Install) Compared to original metal Panel Label manufacturing.	Operating temperature range: -40°C to +80°C Withstand 100°C for 1000 hours	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 27mm to 60mm: TTB-060SC 60mm to 90mm: TTB-090SC 90mm to 110mm: TTB-110SC **Software:** WinTotal v6	UL PGJI2 MH17292 UL PGJI8 MH17292 (Canadian) FTM 1 SAE AS 5942 MIL-STD-202 Method 215	Technical Data Sheet: TTDS-023	PL is supplied Die-Cut, in roll format	Aerospace Military Industrial Components Telecoms General Purpose Electronics	**Colours - Standard:** White & Metalized Silver

Industrial Labels
Identification Selection Guide

Product	Description	Features and Benefits	Key Selling Point	Temperature Range	Recommended Hardware & Software	Specifications and Approvals	Referrals	Format and Looks	Applications	Available Options
LE 	White polyester labels LE is ideal for where print clarity is of the utmost importance, and is ideal for bar coding and component labelling. LE is 80µm (0.0031") thick with an acrylic adhesive.	• Laser or ink jet printable • Good resistance to fluids and water • Excellent bar code applications • Exceptional durability and tear strength	LE has excellent print clarity, providing crisp and clear text, barcodes and graphics	Operating temperature range -40°C to +150°C	**Printer:** Any black desktop laser or inkjet printer **Software:** Microsoft Word, WinTotal v6.0 or PrintEasy v5	ASTM-D-3330	Technical Data Sheet: TTDS-069	LE Labels are supplied Die-Cut, on an A4 sheet, which is then packed into a box	Components General Purpose	**Colours - Standard:** White
LM 	Metalized Polyester labels LM is ideal for rating plate applications and other applications requiring a metal appearance such as nameplates and equipment labels. LM is 80µm (0.0031") think with an acrylic adhesive.	• Laser or ink jet printable • Good resistance to fluids and water • Excellent bar code applications • Exceptional durability and tear strength	LM's metalized appearance and high durability makes it ideal for rating plate applications	Operating temperature range -40°C to +150°C	**Printer:** Any black desktop laser or inkjet printer **Software:** Microsoft Word, WinTotal v6.0 or PrintEasy v5	ASTM-D-3330	Technical Data Sheet: TTDS-070	LM Labels are supplied Die-Cut, on an A4 sheet, which is then packed into a box	Components General Purpose	**Colours - Standard**: Grey
LEB 	Yellow polyester labels LEB labels can be used as rating labels as well as for identifying electrical facilities and devices. LEB is 80µm (0.0031") thick with a pressure sensitive acrylic adhesive.	• Laser or Ink jet printable • Comes in A4 sheet format for ease of use • Extremely high aging-resistance of the printing image	LEB has excellent resistance to abrasion, oil, industrial chemicals and other fluids	Operating temperature range -40°C to +150°C	**Printer:** Any black desktop laser or inkjet printer **Software:** Microsoft Word, WinTotal v6.0 or PrintEasy v5	ASTM D374-88 FTM 1 SAE-AS-81531	Technical Data Sheet: TTDS-188	LEB Labels are supplied Die-Cut, on an A4 sheet, which is then packed into a box	Components General Purpose	**Colours - Standard:** Yellow
TEK & EB 	Hand writable vinyl fabric labels TEK/EB hand writable labels are designed for on-the-spot labelling, of electrical systems and articles and other general labelling purposes. TEK/EB are 20µm (0.00079") thick with pressure sensitive acrylic adhesive.	• Versatile label that can be used in many applications • Portable • Resistant against water, sea water, alcohol, engine oils, methanol and petrol	TEK & EB labels can be applied on the spot as soon as the need is identified	Operating temperature range -30°C to +80°C	N/A	SAE-AS-81531 ASTM D903 ASTM D3652	Technical Data Sheet: TTDS-181	TEK is supplied Die-Cut, in booklet format and EB is supplied Die-Cut, on A4 sheet	Industrial Electronics General Purpose	**Colours - Standard:** Yellow

Pipe Identification Labels
Identification Selection Guide

Product	Description	Features and Benefits	Key Selling Point	Temperature Range	Recommended Hardware & Software	Specifications and Approvals	Referrals	Format and Looks	Applications	Available Options
TP Tape 	High performance polyester pipe labels TP tape system is designed for use as a thermal transfer printable, self-laminating identification for the various types of tubes in the aerospace, defence and marine industry. It is 62µm (0.0024") thick with pressure sensitive acrylic adhesive	• Resistant to water, oil, conventional cleaning agents, oil based solvents and other fluids • Zero halogen • Meets Military standards for hydraulic lines, fuel lines, oxygen lines, inerting fluid lines, etc..	TP Tape comes pre-printed with industry specific colours and symbols that can have additional print added	Operating temperature range -40°C to +163°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0607-10 **Software:** WinTotal v6 or PrintEasy v5	RW 2068 MIL-T-9906C MIL STD 595B MIL-T-8504 MIL STD 1247 MIL STD 101B SAE AS81531 ASTM D3815 ASTM D3330 BPS-T-151	Technical Data Sheet: TTDS-028	TP is supplied in Die-Cut or continuous, in roll format	Rail Aerospace Military	**Colours - Standard:** White & Yellow (Standard colours refers to the printable area) **Formats:** Perforated or Slit (Perforated refers to a perforation on the label whereas slit refers to a cut on the liner)

Labels PCB Identification

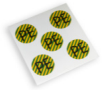
Identification Selection Guide

Product	Description	Features and Benefits	Key Selling Point	Temperature Range	Recommended Hardware & Software	Specifications and Approvals	Referrals	Format and Looks	Applications	Available Options
T1K 	White Kapton® labels T1K is ideal for high temperature labelling requirements such as circuit boards and suitable for direct wave and IR reflow PCB applications. T1K is 63µm (0.0025") thick polyimide with a high temperature permanent acrylic adhesive.	• UL recognized • High temperature permeant acrylic adhesive • Gloss White topcoat • Ideal for auto apply applications	T1K has excellent high service temperature ranges allowing it to withstand surface mount board processes on either the top or bottom side.	**Service temperature:** 100 Hours: -40°C to 150°C (-40°F to 302°F) 5 Minutes: -40°C to 260°C (-40°F to 500°F) 90 Seconds: -40°C to 300°C (-40°F to 572°F)	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0619-10 **Software:** WinTotal v6 or PrintEasy v5	UL MH17292 PGJI2 ASTM-D-3330 ASTM D2979 MIL STD 202F	Technical Data Sheet: TTDS-034	T1K labels are Die-Cut, in roll format	Aerospace Electronics Circuit Boards	**Colours - Standard:** White
T2K 	White Kapton® labels T2K is ideal for high temperature labelling requirements such as circuit boards and suitable for direct wave and IR reflow PCB applications. T2K is 118µm (0.0046") thick polyimide with a high temperature permanent acrylic adhesive.	• UL recognized • High temperature permeant acrylic adhesive • Gloss White topcoat • Ideal for auto apply applications	T2K has excellent high service temperature ranges allowing it to withstand surface mount board processes on either the top or bottom side.	**Service temperature:** 100 Hours: -40°C to 150°C (-40°F to 302°F) 5 Minutes: -40°C to 260°C (-40°F to 500°F) 90 Seconds: -40°C to 300°C (-40°F to 572°F)	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0619-10 **Software:** WinTotal v6 or PrintEasy v5	UL MH17292 PGJI2 ASTM-D-3330 ASTM D2979 MIL STD 202F	Technical Data Sheet: TTDS-035	T2K labels are Die-Cut, in roll format	Aerospace Electronics Circuit Boards	**Colours - Standard:** White
TSK 	White Kapton® labels TSK is ideal for high temperature labelling requirements such as circuit boards and suitable for direct wave and IR reflow PCB applications. TSK is 64µm (0.0025") thick polyimide with an acrylic static dissipative adhesive.	• High opacity gloss white topcoat • Ideal for auto apply applications • Withstands surface mount board processes on either the top or bottom side of the board • Static Safe in accordance with EIA 625, EIA 541	Static dissipative label, designed to withstands harsh fluxes, cleaners, saponifiers and wave solder environments	**Service temperature:** 100 Hours: -40°C to 150°C (-40°F to 302°F) 5 Minutes: -40°C to 260°C (-40°F to 500°F) 90 Seconds: -40°C to 300°C (-40°F to 572°F)	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0619-10 **Software:** WinTotal v6 or PrintEasy v5	EIA 541 & EIA 625 EOS/ESD S11.11 MIL STD 202 ASTM-D2979	Technical Data Sheet: TTDS-085	TSK labels are Die-Cut, in roll format	Aerospace Electronics Circuit Boards	**Colours - Standard:** White

Tamper Evident Labels

Identification Selection Guide

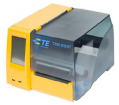
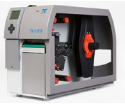
Product	Description	Features and Benefits	Key Selling Point	Temperature Range	Recommended Hardware & Software	Specifications and Approvals	Referrals	Format and Looks	Applications	Available Options
MV 	MV is designed for rating plate and serial number applications that require tamper evident label, which leaves a void footprint when the label is removed. MV is 86µm (0.0034") thick with a acrylic adhesive.	• UL recognised • Thermal transfer printable • Matte metalized appearance • Ideal for security applications	MV is a tamper evident label that leaves a 'VOID' footprint when the label is removed	Operating temperature range -40°C to +150°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0607-10 **Software:** WinTotal v6 or PrintEasy v5	UL MH17292 PGJI2 AS- 81531 MIL STD 202F	Technical Data Sheet: TTDS-084	MV is supplied Die-Cut, in roll format	Industrial Electronics Telecom	**Colours - Standard:** Metalized Silver
TN 	TN is ideal for serial number labels and calibration information labelling, or other applications that require a tamper proof label. TN fractures upon attempted removal. TN is 45µm (0.0018") thick with a acrylic adhesive.	• UL recognised • Thermal transfer printable • Ideal for security applications	TN is designed as a tamper proof label, which fractures upon attempted removal	Operating temperature range -40°C to +80°C	**Printer:** Any single sided TE thermal transfer printer **Ribbon:** 1330-0607-10 **Software:** WinTotal v6 or PrintEasy v5	UL MH17292 PGJI2	Technical Data Sheet: TTDS-091	TN is supplied Die-Cut, in roll format	Industrial Electronics Telecom	**Colours - Standard:** White

Product	Description	Features and Benefits	Key Selling Point	Temperature Range	Recommended Hardware & Software	Specifications and Approvals	Referrals	Format and Looks	Applications	Available Options
ESSW 	Pre-printed safety and warning labels ESSW is ideal for any safety and warning label applications, such as electrical tools, apparatuses and installations with safety and warning information. ESSW is 55µm (0.0022") thick with a pressure sensitive acrylic adhesive	• Laminated, soft vinyl, gloss yellow sign • Yellow signal colour with excellent contrast • Pre-printed sign comes in various sizes • Comes in various different warning signs	High quality safety and warning sign, with excellent resistance to industrial factors	Operating temperature range -30°C to +120°C	ESSW is a pre-printed label therefore does not require any hardware or software.	ASTM D374-88 SAE-AS-81531 FTM 12 FTM 1	Technical Data Sheet: TTDS-205	ESSW is supplied Die-Cut, in a clear poly bag	Industrial Rail Electronics	**Colours - Standard:** Yellow
LKZ 	Pre-printed vinyl electric symbol labels LKZ is used to identify copper-rails, electrical connections or operating resources, with pre-printed electric symbol labels. LKZ is 120µm (0.0047") thick with a acrylic adhesive.	• Supplied on sheet for ease of use • Dirt and stain resistant • Resists abrasion and fluids • LKZ is supplied in many different sizes	Tough polyester over laminate provides resistance to key to abrasion and fluids as well as resistance to dirt and stains	Operating temperature range -30°C to +80°C	LKZ is a pre-printed label therefore does not require any hardware or software.	FTM 1	Technical Data Sheet: TTDS-203 & TTDS-204	LKZ is supplied Die-Cut, in a clear poly bag	Industrial Rail Electronics	**Colours - Standard:** White, Blue, Black & Green/Yellow Striped Symbols Types: AC Current Phase 1, 2 & 3, DC Current Positive & Negative, Earth, Ground, Neutral, Neutral wire with protection, Protective Earthing conductor (PE), Protective Earthing and Separate Voltage Source-Earth

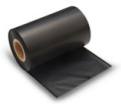
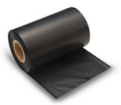
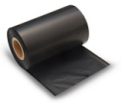
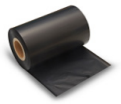
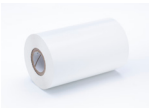
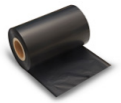
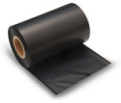
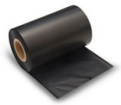
Pre-Printed Markers
Identification Selection Guide

Product	Description	Features and Benefits	Key Selling Point	Temperature Range	Recommended Hardware & Software	Specifications and Approvals	Referrals	Format and Looks	Applications	Available Options
Z-Type 	Z-Type markers are individual push-on characters made from PVC and used to identify wires and small cables permanently. They are designed with an expanding profile, enabling them to accommodate different cable/ wire sizes. Z-Type markers are supplied in letters, numbers and symbols.	• Easy to apply • Resistant to common chemicals, sea water, fuels and oils • Applicators available to ease installation	Z-Type markers are a Cost-effective solution for many commercial wire identification applications	Operating temperature range -45°C to +70°C	N/A	BS 6746C: 1993 IEC 60304	Technical Data Sheet: TTDS-026 Product Specification Sheet: RW-2535	Z-Type markers are supplied loose in packs or partial cut on reels, they come in chevron cut or straight cut	Industrial Electronics	**Colours - Standard:** White & Yellow **Non-Standard:** Red, Pink, Orange, Green, Blue, Grey, Black, Viotel & Brown (Minimum quantities apply for non-standard Colours as well as longer lead times) 9 Sizes available
K-Type 	K-Type is a plasticized PVC marker used to identify wire bundles, cables, pipes and conduits using specifically designed oval shaped, individual characters that slide onto a PVC carrier, which is then attached using cable ties. K-Type markers are supplied in letters, numbers and symbols.	• Versatile marking system for cables, cable bundles and conduit • Elliptical marker profile allows easy fitting to carrier strips • Resistant to key Industrial fluids, including those used in Mass transit, aviation and military	K-Type markers are a Cost-effective solution for many commercial wire identification applications	Operating temperature range -40°C to +70°C	N/A	BS 6746C: 1993 IEC 60304	Technical Data Sheet: TTDS-025 Product Specification Sheet: RW-2535	K-Type markers come as a continuous length, pre-perforated on a plastic spool	Industrial Electronics	**Colours - Standard:** White & Yellow **Non-Standard:** Red, Pink, Orange, Green, Blue, Grey, Black, Viotel & Brown (Minimum quantities apply for non-standard Colours as well as longer lead times) Carrier Strip comes in 3 sizes allowing for more marker capacity
STD Marker 	STD Markers are individual snap on markers used to identify wires and small cables. Manufactured using zero halogen polyoxymethylene compound. They are installed with an applicator wand, allowing for application after wire has been installed.	• Zero Halogen • UV stabilised material • Excellent resistance to burning and common fluids	Installed using applicator wand, allowing for marker application post wire and cable installation	Operating temperature range -40°C to +106°C	N/A	UL94 HB	Technical Data Sheet: TTDS-094 Product Specification Sheet: RW-2538	STD Markers are supplied on an applicator wand and chevron cut, for better alignment	Industrial Electronics	**Colours - Standard:** White, Yellow **Non-Standard:** Blue & Red (Minimum quantities apply for non-standard Colours as well as longer lead times)

Printers and Accessories
Identification Selection Guide

Product	Description	Features and Benefits	Key Selling Point	Specifications	Referrals	Format and Looks	Applications	Available Options
T200-IDENT 	T200 Ident is a PRINTER is a medium volume, thermal transfer printer, designed to print a wide range of TE Connectivity identification sleeves, cable markers and labels. This light weight printer replaces the T212M-Printer.	• High Accuracy Printing • Easy to use • Small footprint • Light weight • Easy to fit accessories • Touch Screen • Software version available	T200 IDENT is a great quality low cost thermal transfer printer	**Print Definition:** 300dpi resolution Print quality and performance guaranteed when recommended ribbon-product combination is used (Matrix link in Referrals) **Print speeds:** 30,40,50,75, 100 & 125mm/s **Print Width Max:** 105.7mm **Label Width:** 5 to 120mm, 116mm backing **Label Height:** 5mm min to 1000mm max(For more specifications please refer to data sheet below)	Technical Data Sheet: TTDS-256 Operators Manual: 412-121029 Ribbon Matrix: 411-121005	Small compact, plastic printer	• Office environment • Light Industrial environment	**Colour:** Yellow, for available accessories please refer to accessories page. The printer is also available in a pack, comprising of T200-Ident and WinTotal dongle
T3212 	The T3212 printer is a robust, 24 hour cycle, industrial computer-driven 300dpi thermal transfer printer. Specifically designed to print on a wide range of TE Connectivity identification marker sleeves, cable markers and labels.	• High Accuracy Printing • Easy to use • Small footprint • Easy to fit accessories • Wi-Fi dongle supplied • Full color touch screen • Help videos loaded on printer	T3212 is a robust, high quality, 300 dpi versatile thermal transfer printer	**Print Definition:** 300dpi Print quality and performance guaranteed when recommended ribbon-product combination is used (Matrix link in Referrals) **Print speeds:** 30, 40, 50, 75, 100, 125, 150, 175, 200, 225, 250, 275 and 300mm/s **Print Width Max:** 105.7mm (4.16 in) **Label Width:** 4 - 110mm (0.16 - 4.33 in) **Carrier & Tube Width:** 9 - 114mm (0.25 - 4.5 in)	Techical Data Sheet: TTDS-272 Operators Manual: 412-121035	Lightweight Industrial printer, made from metal and plastic	• Office environment • Industrial environment	**Colour:** TE Orange For available Accessories please refer to Accessories page The printer is also available in a pack, comprising of T3212 and WinTotal dongle
T3224 	The T3224 printer is a robust 24 hour duty cycle, industrial computer-driven 600dpi thermal transfer printer. Specially designed to print on a wide range of TE Connectivity labels, cable markers and identification marker sleeves. Recommended when a high resolution of print is essential	• High Accuracy Printing • Easy to use • Small footprint • Easy to fit accessories • High definition for 3D barcodes &graphics • Wi-Fi dongle supplied • Full color touch screen • Help videos loaded on printer	T3224 is a robust, high quality, 600dpi versatile thermal transfer printer	**Print Definition:** 600dpi Print quality and performance guaranteed when recommended ribbon-product combination is used (Matrix link in Referrals) **Print speeds:** 30, 40, 50, 75, 100, 125, 150, 175, 200, 225, 250, 275 and 300mm/s **Print Width Max:** 105.7mm (4.16 in) **Label Width:** 4 - 110mm (0.16 - 4.33 in) **Carrier & Tube Width**: 9 - 114mm (0.25 - 4.5 in)	Techical Data Sheet: TTDS-274 Operators Manual: 412-121035	Lightweight Industrial printer, made from metal and plastic	• Office environment • Industrial environment	**Colour:** TE Orange For available Accessories please refer below The printer is also available in a pack, comprising of T3224 and WinTotal dongle
T6112DS 	The T6112DS printer is a robust 24 hour duty cycle, industrial computer-driven 300dpi double sided thermal transfer printer. Specially designed to print on a wide range of TE Connectivity identification marker sleeves, cable markers	• High Accuracy Printing • Easy to use • Small footprint • Light weight • Easy to fit accessories • Double sided printing	T6112DS is a robust, high quality, double sided printer for printing on both sides of marker sleeves, cable markers	**Print Definition:** 300dpiPrint quality and performance guaranteed when recommended ribbon-product combination is used (Matrix link in Referrals) **Print speeds:** 30, 40, 50, 75, 100, 125mm/s **Print Width Max:** 105.6mm **Label Width:** 10 to 110mm label, 4 to 85mm continuous shrink tube **Label Height:** 20mm min to 2000mm max (For more specifications please refer to data sheet below)	Technical Data Sheet: TTDS-230 Operators Manual: 412-121025 Ribbon Matrix: 411-121005	Large desktop industrial printer, made from metal and plastic	• Office environment • Industrial environment	**Colour:** Grey For available Accessories please refer to Accessories page
Universal Reel Holder 	The Universal reel holder is a free standing bench top, or wall mounted reel holder. Designed to dispense all TE Connectivity identification marker sleeves, cable markers and labels. This robust metal, low cost reel holder replaces all other TE Printer reel holders.	• Compatible with the full range of TE printers • Dispenses the full range of TE cable makers and labels • Free standing bench top • Wall mountable for space saving • Robust, all metal stand	The Universal reel holder allows for easier more efficient feeding of products into TE printers		Technical Data Sheet: TTDS-260 & TTDS-259	Metal TE branded reel holder	• Office environment • Industrial environment • All TE Printers	**Colour:** TE Orange Accessories: Reel Holder adaptors, which hold the reel in place on the Universal reel holder
T200-IDENT Cutter & Perforator 	The T200-IDENT-CUTTER and T200-IDENT-PRINTER-PERFORATOR are a easy to fit and operate printer accessory. The cutter will accurately and cleanly cut set lengths of continuous tube and labels. The perforator will accurately perforate to a set depth and length.	• Robust cutter and perforator units • Easy to fit • No tools required for fitting • Low maintenance required	The T200-IDENT-CUTTER or PERFORATOR is a great addition to TE printers and offers more options when it comes to identification solutions		Technical Data Sheet: TTDS-260 T200 Ident Perforator setup instructions 411-121015 T200 Ident Operators manual 412-121029	Cutters & Perforators come separate, and attach to TE printers	T200-IDENT	**Colour:** TE Orange
T3200 Perforator 	T3200-PERFORATOR is easy to fit and operate. The perforator will accurately perforate to a set depth and length.	• Robust industrial perforator unit • Easy to fit • No tools required for fitting	The T3200-PERFORATOR is a great addition to TE printers and offers more options when it comes to identification solutions		Technical Data Sheet: TTDS-260 Operator's Manual: 412-121065	Cutters & Perforators come separate, and attach to TE printers	T3212 &T3224	**Colour:** TE Orange
T3200 Cutter 	T3200-Cutter is easy to fit and operate. The cutter will accurately and cleanly cut set lengths of continuous tube and labels.	• Robust industrial cutter unit • Easy to fit • No tools required for fitting • Low maintenance required	The T3200-CUTTER is a great addition to TE printers and offers more options when it comes to identification solutions		Technical Data Sheet: TTDS-260 Operator's Manual: 412-121066	Cutters & Perforators come separate, and attach to TE printers	T3212 &T3224	**Colour:** TE Orange

Product	Description	Features and Benefits	Key Selling Point	System Requirements	Referrals	Format and Looks	Applications	Available Options
WinTotal 	WinTotal is a label/marker design package that makes wire marker printing simple in an industrial environment. WinTotal is pre-loaded with all the TE wire identification products and a 14 day trail can be downloaded for from the TE website, after that a licence or access dongle must be purchased.	• Multi-lingual user interface • Pre-loaded WYSIWYG templates • Clipart gallery with over 1000 commonly used symbols • Incremental alpha and numeric fields • Accepts and prints data in any language • Multiple printers – print simultaneously • Advanced label design elements and tools	WinTotal makes printing easy with live database view in fields and true print preview. Meaning that what you see.....is what is printed.	IBM compatible PC – 1GHz or higher 32bit or 64bit processor Windows 10, 8.1, 8 or 7; Windows Server 2008 and 2012 100MB of free disk space	Technical Data Sheet: TTDS-001 WinTotal v6 User Guide WinTotal v5 User Guide		Label/Marker design system	USB Dongle or License serial number
PrintEasy 	PrintEasy is a family of professional labelling software products that brings a complete bar code printing solution printing to desktop. With PrintEasy you can quickly and easily combine bar codes, text and graphics into professional quality labels.	• Multi-lingual user interface • Clipart gallery with over 1000 commonly used symbols • Full serialization, custom check digits, global variables, output masks, scripting • Setup wizard for quick start with best quality • Extensive barcode and 2D barcode support • Advanced label design elements and tools	Point and click WYSIWY(What you see is what you get) template design to maximise user customisation options	IBM compatible PC – 1GHz or higher 32bit or 64bit processor Windows 7; XP SP3 or Windows Server 2008 100MB of free disk space	Technical Data Sheet: TTDS-093		Label design system	USB Dongle or License serial number

Product	Description	Features and Benefits	Key Selling Point	Specifications	Referrals	Format and Looks	Applications	Available Options
1966-RIBBON 	The 1966-RIBBON is ultra-high performance black thermal transfer ribbon that produces the ultimate in print performance.	Ideal for use in environments where marker may come into contact with abrasion, solvent or chemical attack	1966-RIBBON is an ultra-high quality performance ribbon, that produces ultimate print performance	**Ribbon width:** 100mm (Other widths available)**Ribbon length:** 300mm **Type:** Resin	Technical Data Sheet: TTDS-257 Ribbon Matrix: 411-121005	1966-RIBBON is supplied in a reverse wound roll, Ink side out	TE3124, TE3112, T3212, T3224 T6112DS, T200 IDENT, T200 LABEL, T312M, T208M & T212M	**Colour:** Black
TMS-RJS-RIBBON-4DSCE 	TMS-RJS-4DSCE is a high performance black thermal transfer ribbon, for use on D-SCE heat shrinkable sleeves	High performance black ribbon, that when used with the applicable printers, produces excellent print performance	TMS-RJS-4DSCE printed legends have high resistance to fluids, especially diesel	**Ribbon width:** 110mm **Ribbon length:** 450mm **Type:** Wax	Technical Data Sheet: TTDS-257 Ribbon Matrix: 411-121005	TMS-RJS-4DSCE is supplied in a reverse wound roll, Ink side out	TE3124, TE3112, T3212, T3224 T6112DS, T200 IDENT, T200 LABEL, T312M, T208M & T212M	**Colour:** Black
TMS-RJS-RIBBON-4RPSCE 	TMS-RJS-4RPSCE is a high durability commercial grade black thermal transfer ribbon, for use with TMS-SCE, RPS and HS/HC heat shrinkable sleeves, SB labels, and HL cable markers.	High performing black ribbon, that when used with the applicable printers, produces excellent print performance	TMS-RJS-4DSCE printed legends have high resistance to abrasion, solvents and chemicals	**Ribbon width:** 110mm **Ribbon length:** 300mm **Type:** Resin/Wax	Technical Data Sheet: TTDS-257 Ribbon Matrix: 411-121005	TMS-RJS-4RPSCE is supplied in a reverse wound roll, Ink side out	TE3124, TE3112, T3212,T3224 T6112DS, T200 IDENT, T200 LABEL, T312M, T208M & T212M	**Colour:** Black
TMS-RJS-RIBBON-4HT 	TMS-RJS-4HT is a high temperature black thermal transfer ribbon, for use with HT-SCE heat shrinkable sleeves.	High performance black ribbon, that when used with the applicable printers, produces excellent print performance	TMS-RJS-4HT printed legends have excellent resistance to high temperatures	**Ribbon width:** 110mm **Ribbon length:** 300mm **Type:** Resin	Technical Data Sheet: TTDS-257 Ribbon Matrix: 411-121005	TMS-RJS-4HT is supplied in a reverse wound roll, Ink side out	TE3124, TE3112, T3212,T3224 T6112DS, T200 IDENT, T200 LABEL, T312M, T208M & T212M	**Colour:** Black
T300-RIBBON-WH-4HT 	T300-RIBBON-WH-4HT is a white resin based thermal transfer ribbon, for use on HT-SCE product range.	High performance white ribbon, that when used with the applicable printers, produces excellent print performance	T300-RIBBON-WH-4HT printed legends have high resistance to abrasion, solvents and chemicals	**Ribbon width:** 110mm **Ribbon length:** 300mm **Type:** Resin	Technical Data Sheet: TTDS-257 Ribbon Matrix: 411-121005	T300-RIBBON-WH-4HT is supplied in a reverse wound roll, Ink side out	T300 series	**Colour:** White
1330-0607 	1330-0607 is a high durability black resin thermal transfer printable ribbon, ideal for use on TE's pressure sensitive labels.	High performance black ribbon, that when used with the applicable printers, produces excellent print performance	Excellent resistance to abrasion and chemicals	**Ribbon width:** 110mm **Ribbon length:** 300mm **Type:** Resin	Technical Data Sheet: TTDS-257 Ribbon Matrix: 411-121005	Is supplied in a reverse wound roll, Ink side out	T300 series	**Colour:** Black
1330-0619 	1330-0619 is a high temperature black resin thermal transfer ribbon tested and approved for use on TE's Kapton® labels.	High performance black ribbon, that when used with the applicable printers, produces excellent print performance	Excellent resistance to high temperatures and chemicals	**Ribbon width:** 110mm **Ribbon length:** 300mm **Type:** Resin	Technical Data Sheet: TTDS-257 Ribbon Matrix: 411-121005	Is supplied in a reverse wound roll, Ink side out	T300 series	**Colour:** Black
1330-3300 	1330-3300 is a high durability black resin thermal transfer printable ribbon, ideal for use on TE's pressure sensitive labels.	High performance black ribbon, that when used with the applicable printers, produces excellent print performance	Excellent resistance to chemicals	**Ribbon width:** 110mm (Other sizes available) **Ribbon length:** 300mm **Type:** Resin	Technical Data Sheet: TTDS-257 Ribbon Matrix: 411-121005	Is supplied in a reverse wound roll, Ink side out	T300 series	**Colour:** Black

TE Thermal Ribbons

- For Optimal Performance
- For Superior Performance
- For Optional & Colors
- Narrower/Wider width

	TE Identification Solutions Products															
	Wire & Cable Identification Products							Pressure Sensitive Adhesive Label Products								
	TMS-SCE TMS-SCE-2X RPS TMS-CT TTMS TTMS-2X TTMS-MP HS HC	HT-SCE HT-CM HT-CT HTCM-SCE-TP HTCM-SCE NBC-SCE NHT-SCE	ZHD-SCE ZHD-CT ZHDCT HX-SCE HX-CT HXCT TMS-90-SCE CM-SCE-TP CM-SCE HX HLX HLX-NEL NCM-SCE-TP	D-SCE D-CT D-SCE-SP D-SCE-FLAT-SP	HL	UV-SCE	CM-NMX	CP HM HMM HPK MP MV NC SP TN TP-Tape TTP TTPA WP WV	T1K T2K TSK	SBP	PVF TTVF	EP	EET...P-8A EET...P-9 EET...P-4 EET...V-9 SET...PSL	IKT...PV-4 IKT...PY-9 IMT...PV-4 IMT...PY-9 EET...G-4 EET...PY-9 EET...V-8A EET...V-4-W EET-SL...V-4-W EET...K-9 PPT...DF-4, DF-9 KTT PL	KMT
TMS-RJS-RIBBON-4RPSCE	●				●					●						
TMS-RJS-RIBBON-4AG (silver)	●															
T300-RIBBON-WH (white)	●															
TMS-RJS-RIBBON-4HT		●														
T300-RIBBON-WH-4HT (white)		●														
1966-RIBBON			●	●	●											
LBF-2000P-RIBBON-1966-MED			●	● ●	● ●											
TMS-RJS-RIBBON-4DSCE				●												
T300-UV-SCE-RIBBON						●										
1330-0607-10								●								
1330-0619-10									●							
1330-3300-10											●					
1330-0600-10												●				
TTB-060SC/300													● ●			
TTB-076SC/300													● ●			
TTB-084SC/300													● ●			
TTB-110SC/300													● ●			●
TTB-060SC/450AQ529							●							● ●		
TTB-090SC/360-AQ529														● ●		
TTB-110SC/300AQ529														● ●		

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