ESSEX BROWNELL

Customer Focused...Performance Driven

Heat Shrinkable Tubing

Quick Selection Chart

Type	Product	Shrink Ratio	Recovery Temp. (°C)	Operating Temp. (°C)	Voltage (V)	Flame Retardant	Adhesive	UL File No.	MIL Spec.	Available Colors
Single Wall Polyolefin	DUNBAR-1605	2:1	90	-55 ~ 105	600	✓		E319303		Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-1605G					✓				Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-1625			-55 ~ 125		✓				Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-1625G					✓				Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-1625GT		80		300	✓				Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown
	DUNBAR-1625LT				600	✓				Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-1625N		90							Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-1625T		80		150	✓				Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown
	DUNBAR-1635F		90	-55 ~ 135	600	✓			MIL-DTL-23053 / 5	Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-1635F YL/GN					✓				Yellow/Green
	DUNBAR-1635S		130			✓			MIL-DTL-23053 / 6	Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-3635S	2.5:1	110			✓				Black
	DUNBAR-3625LT	3:1	80			✓				Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-3635	3:1	90			✓		E319303	MIL-DTL-23053 / 5	Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown
	DUNBAR-4635	4:1				✓				Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown
Dual Wall Polyolefin (Adhesive Lined)	DUNBAR-1625BS	2:1	130	-55 ~ 105			✓	E319314		TRANSLUCENT
	DUNBAR-1625W		120	-55 ~ 110		✓	✓		MIL-DTL-23053 / 4 C2	Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-2690NW	3:2		-35 ~ 90			✓			Black
	DUNBAR-2690NW-LT		80				✓			Black
	DUNBAR-3625WS	3:1	125	-55 ~ 110	600	✓	✓	E319314	MIL-DTL-23053 / 4 C1	Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-3635W		120			✓	✓		MIL-DTL-23053 / 4 C3	Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-4635W	4:1				✓	✓		MIL-DTL-23053 / 4	Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown
	DUNBAR-4635WS		130	-55 ~ 130		✓	✓			Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-4635WT		120	-55 ~ 110		✓	✓		MIL-DTL-23053 / 4	Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-4650WS		130	-55 ~ 150		✓	✓			Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown
	DUNBAR-CATV	3:1	120	-55 ~ 125	1000		✓			Black
	DUNBAR-CHWT						✓			Black, Red
	DUNBAR-CHWT-FR					✓	✓	E319303		Black, Red
	DUNBAR-CMWT						✓			Black, Red
	DUNBAR-CMWT-FL					✓	✓	E319303		Black, Red

Certifications: LS: ISO 9001, QS 9000, ISO 14001, ISO/TS 16949 | Underwriters Laboratories Inc. TUV (R86603) | RoHS | ABS Certificate of Type Approval | DNV Type Approval Certificate

LS Cable & System

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Specialty Tubing	DUNBAR-1675	2:1	175	-55 ~ 175	600	✓	E319303	MIL-DTL-23053 / 8	Black, Clear
	DUNBAR-BBHV	2.5:1	120		25000	✓			Rust
	DUNBAR-BBLV				1000	✓			
	DUNBAR-CRFR	2:1	135	-70 ~ 121	600	✓		MIL-DTL-23053 / 1	
	DUNBAR-DRET			-75 ~ 120	600	✓		MIL-DTL-23053 / 16	Black
	DUNBAR-GSP	3:1	120	-55 ~ 105	600				Black
Teflon	FEP (HW)	1.3:1	210-221	-75 ~ 200	2000	✓	E64007	MIL-DTL-23053 / 11 C1	Clear
	FEP (MW)	1.6:1	210-221	-75 ~ 200	2000	✓	E64007	MIL-DTL-23053 / 11 C2	Clear
	PTFE (HW)	2:1	350	-75 ~ 260	1400	✓		MIL-DTL-23053 / 12 C1	TRANSPARENT TO OPAQUE WHITE
	PTFE (SW)	2:1	350	-75 ~ 260	1400	✓	E103313	MIL-DTL-23053 / 12 C2	TRANSPARENT TO OPAQUE WHITE
	PTFE (TW)	2:1	350	-75 ~ 260	1400	✓	E103313	MIL-DTL-23053 / 12 C3	TRANSPARENT TO OPAQUE WHITE
	PTFE (LW)	2:1	350	-75 ~ 260	1400	✓	E103313	MIL-DTL-23053 / 12 C4	TRANSPARENT TO OPAQUE WHITE
	PTFE (High Shrink)	4:1	350	-75 ~ 260	1400	✓		MIL-DTL-23053 / 12 C5	TRANSPARENT TO OPAQUE WHITE
	ETFE	1.5:1	175	-75 ~ 150	2000	✓		MIL-DTL-23053 / 14	Clear
	FEP Roll Cover	1.25:1	175	-75 ~ 200	2000	✓			TRANSLUCENT
Double Wall Teflon	PTFE / FEP (SW)		360	-75 ~ 231		✓			TRANSPARENT TO OPAQUE WHITE
	PTFE / FEP (LW)		360	-75 ~ 231		✓			TRANSPARENT TO OPAQUE WHITE
Non Heat Shrinkable	DUNBAR-VIT-600			-10 ~ 105	600	✓	E319303		Black
	DUNBAR-EIT-600			-55 ~ 125	600	✓	E319314		Black, White, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	DUNBAR-TITR-600			-55 ~ 125	600	✓			Black, Blue, Clear
	PTFE AWG (HW)			-75 ~ 260	1400	✓			Natural
	PTFE AWG (SW)			-75 ~ 260	1400	✓		MIL-DTL-22129-C	Natural
	PTFE AWG (TW)			-75 ~ 260	1400	✓			Natural
	PTFE AWG (LW)			-75 ~ 260	1400	✓			Natural
	PTFE Spiral Wrap			-75 ~ 260		✓			Black, White, Natural, Yellow, Red, Blue, Green, Gray, Violet, Orange, Brown, Clear
	Convoluted PTFE			-67 ~ 260		✓		MIL-DTL-81914 / 1	Black, Natural
	Convoluted PTFE			-67 ~ 260		✓		MIL-DTL-81914 / 2	Black, Natural
	Convoluted FEP			-75 ~ 205		✓		MIL-DTL-81914 / 3	Natural
	Convoluted FEP			-75 ~ 205		✓		MIL-DTL-81914 / 4	Natural
	Convoluted FEP			-75 ~ 205		✓		MIL-DTL-81914 / 5	Natural
	Convoluted ETFE			-67 ~ 150		✓		MIL-DTL-81914 / 6	Natural

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