T-2(Z)S2

THIN WALL TUBING

TRANSEAL™

Shelf Life & Storage: Heat Shrink Product provided by TRANSEAL has a over 5 year's shelf life from date of manufacture when stored in a humidity controlled environment (-10°C to 40°C and <75% relitive humidity).

Ordering Information: Standard Color : Black, Yellow, White, Red, Blue and Green.

Applications: Free from environment harmful substance as PBB's, PBBO's, PBBE's and toxic heavy metal compounds in its components, makes it meet the requirement of environment protection. The properties of low shrinking temperature, flexibility and superior mechanical strength make them widely used in the field of electronics, communications, automobile, etc.

Features:

Operating temp: -55°C to 125°C
Voltage rating: 600V
UV Resistant (Black)
Flame retardant VW-1

RoHS complaint
Shrink ratio 2:1
Min. full recovery temp. 120°C
Flexible
Approvals: UL224 E204071

SHRINK RATIO 2:1

Reference	As Supplied (mm)	After recovered (mm)		Standard Length	Reference	As Supplied (mm)	After recovered (mm)		Standard Length
S2	D* (Min.)	d* (Max.)	W* (Min.)	M	S2	D* (Min.)	d* (Max.)	W* (Min.)	M
0.60	0.9±0.2	0.4	0.33±0.10	200	15.00	15.5±0.4	7.5	0.70±0.10	100
0.80	1.1±0.2	0.5	0.33±0.10	200	16.00	16.5±0.4	8.0	0.70±0.10	100
1.00	1.5±0.2	0.7	0.36±0.10	200	17.00	17.5±0.4	8.5	0.70±0.10	100
1.50	2.0±0.2	0.9	0.45±0.10	200	18.00	19.0±0.5	9.0	0.70±0.10	100
2.00	2.5±0.2	1.0	0.45±0.10	200	20.00	22.0±0.5	10.0	0.80±0.10	100
2.50	3.0±0.2	1.3	0.45±0.10	200	22.00	24.0±0.5	11.0	0.80±0.10	100
3.00	3.5±0.2	1.5	0.45±0.10	200	25.00	26.0±0.5	12.5	0.90±0.15	50
3.50	4.0±0.2	1.8	0.45±0.10	200	28.00	29.0±1.0	14.0	0.90±0.15	50
4.00	4.5±0.2	2.0	0.45±0.10	200	30.00	31.5±1.0	15.0	1.00±0.15	50
4.50	5.0±0.2	2.3	0.45±0.10	100	35.00	36.5±1.0	17.5	1.00±0.15	50
5.00	5.5±0.2	2.5	0.56±0.10	100	40.00	41.5±1.0	20.0	1.00±0.15	50
5.50	6.0±0.2	2.8	0.56±0.10	100	45.00	≥45	22.5	1.10±0.15	25
6.00	6.5±0.2	3.0	0.56±0.10	100	50.00	≥50	25.0	1.10±0.15	25
7.00	7.5±0.3	3.5	0.56±0.10	100	60.00	≥60	31.0	1.20±0.20	25
8.00	8.5±0.3	4.0	0.56±0.10	100	70.00	≥70	36.0	1.20±0.20	25
9.00	9.5±0.3	4.5	0.56±0.10	100	80.00	≥80	41.0	1.20±0.20	25
10.00	10.5±0.3	5.0	0.56±0.10	100	90.00	≥90	46.0	1.30±0.20	25
11.00	11.5±0.3	5.5	0.56±0.10	100	100.00	≥100	51.0	1.30±0.20	25
12.00	12.5±0.3	6.0	0.56±0.10	100	120.00	≥120	61.0	1.30±0.20	25
13.00	13.5±0.3	6.5	0.70±0.10	100	150.00	≥150	76.0	1.30±0.20	25
14.00	14.5±0.3	7.0	0.70±0.10	100	180.00	≥150	91.0	1.30±0.20	25

Typical Technical Performances

Test Items	Test method	Test Requirements
Tensile Strength	ASTM D 2671	10.4 Mpa min.
Ultimate Elongation	ASTM D 2671	200% min.
Tensile Strength after Aging at 158°C for 168 Hours	UL 224	70% retention min.
Ultimate Elongation after Aging at 158°C for 168 Hours	UL 224	100% min.
Heat shock at 250°C for 4 Hours	UL 224	No cracking & dropping
Flammability	UL 224	VW-1
Dieelectrik withstand Voltage	2500V	2500V/ 1 min
Volume Resistance	UL 224	10^{14} Ω-cm min
Cold bend at -30°C for 1 Hour	ASTM D 2671	No cracking

SHRINK RATIO 3:1

Reference	As Supplied (mm)	After recovered (mm)		Standard Length	Reference	As Supplied (mm)	After recovered (mm)		Standard Length
S2	D* (Min.)	d* (Max.)	W* (Min.)	M	S2	D* (Min.)	d* (Max.)	W* (Min.)	M
1.5/0.5	1.5	0.5	0.5	200	30/10	30.0	10.0	1.7	25
3.0/1.0	3.0	1.0	0.7	200	39/13	39.0	13.0	1.9	25
4.5/1.5	4.5	1.5	0.7	100	50/16	50.0	16.0	2.5	1
6/2	6.0	2.0	0.8	100	60/20	60.0	20.0	2.6	1
9/3	9.0	3.0	1.0	50	70/23	70.0	23.0	2.6	1
12/4	12.0	4.0	1.1	50	80/26	80.0	26.0	2.8	1
15/5	15.0	5.0	1.2	50	90/30	90.0	30.0	2.8	1
18/6	18.0	6.0	1.3	50	100/33	100.0	33.0	3.0	1
24/8	24.0	8.0	1.5	25					

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