

TCS

THERMOCOIL HEAT SHRINK TUBING, POLYOLEFIN, SHRINK RATIO 2:1



CERTIFICATIONS & APPROVALS

 UL (cURus)

Features

TECHNICAL INFORMATION

Minimum operating temperature	-55°C
Maximum operating temperature	125°C
Tensile strength after thermal ageing	10.4N/mm²
Dielectric strength according to IEC 243	15kV/mm
Volume resistance according to IEC 93	10^14
Minimum shrinkage temperature	70°C
Shrinkage ratio	2:1

WEIGHT AND DIMENSIONS

Full shrinkage temperature	110°C
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CLASSIFICATION AND DATA ORDERING

Customs code	39173200
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MATERIAL COMPOSITION AND TREATMENTS

Material	Polyolefin
Halogen free	Yes

LOGISTIC

Unit in minimal packaging	1PCE
Unit in standard packaging	1PCE

CERTIFICATIONS

Elongation at break after thermal ageing according to UL	100%
UL 224 certification	Yes
Copper compatibility according to UL 224	Yes
Low temperature flexibility according to UL 224	No failure
Flammability according to UL 224	VW-1
Heat resistance according to UL	No failure
Insulation resistance according to UL 224	No perforation at 2500V
UL standard	224



tipo	Colour	Coil length [m]	Inner diameter pre shrinkage [mm]	Inner diameter after shrinkage [mm]	Thickness after shrinkage [mm]	ROHS compliant
TCS12X200BK	black	200	1.1	0.5	0.22	Yes
TCS16X200BK	black	200	1.5	0.85	0.32	Yes
TCS24X200BK	black	200	2.5	1	0.35	Yes
TCS32X200BK	black	200	3	1.3	0.38	Yes
TCS48X100BK	black	100	4.5	2	0.45	Yes
TCS64X100BK	black	100	6.5	3	0.55	Yes
TCS95X100BK	black	100	9.5	4.5	0.6	Yes
TCS127X100BK	black	100	12.5	6	0.6	Yes
TCS160X100BK	black	100	16.5	8	0.7	Yes
TCS190X100BK	black	100	19	9	0.8	Yes
TCS254X50BK	black	50	26	12.5	0.9	Yes
TCS320X50BK	black	50	31.5	15	0.95	Yes
TCS381X50BK	black	50	36.5	17.5	1	Yes
TCS508X25BK	black	25	50	25	1	Yes
TCS762X25BK	black	25	70	36	1.3	Yes
TCS1016X25BK	black	25	100	51	1.46	Yes
TCS1260X25BK	black	25	120	61	1.56	Yes
TCS1500X25BK	black	25	150	76	1.56	Yes
TCS16X200YE	yellow	200	1.5	0.85	0.32	Yes
TCS24X200YE	yellow	200	2.5	1	0.35	Yes
TCS32X200YE	yellow	200	3	1.3	0.38	Yes
TCS48X100YE	yellow	100	4.8	2.4	0.45	Yes
TCS64X100YE	yellow	100	6.5	3	0.55	Yes
TCS95X100YE	yellow	100	9.5	4.5	0.6	Yes
TCS127X100YE	yellow	100	12.5	6	0.6	Yes
TCS190X100YE	yellow	100	19	9	0.8	Yes
TCS254X50YE	yellow	50	26	12.5	0.9	Yes
TCS16X200GN	green	200	1.5	0.85	0.32	Yes
TCS24X200GN	green	200	2.5	1	0.35	Yes
TCS32X200GN	green	200	3	1.3	0.38	Yes

tipo	Colour	Coil length [m]	Inner diameter pre shrinkage [mm]	Inner diameter after shrinkage [mm]	Thickness after shrinkage [mm]	ROHS compliant
TCS48X100GN	green	100	4.5	2	0.45	Yes
TCS64X100GN	green	100	6.5	3	0.55	Yes
TCS95X100GN	green	100	9.5	4.5	0.6	Yes
TCS127X100GN	green	100	12.5	6	0.6	Yes
TCS190X100GN	green	100	19	9	0.8	Yes
TCS254X50GN	green	50	26	12.5	0.9	Yes
TCS16X200BU	blue	200	1.5	0.85	0.32	Yes
TCS24X200BU	blue	200	2.5	1	0.35	Yes
TCS32X200BU	blue	200	3	1.3	0.38	Yes
TCS48X100BU	blue	100	4.5	2	0.45	Yes
TCS64X100BU	blue	100	6.5	3	0.55	Yes
TCS95X100BU	blue	100	9.5	4.5	0.6	Yes
TCS127X100BU	blue	100	12.5	6	0.6	Yes
TCS190X100BU	blue	100	19	9	0.8	Yes
TCS254X50BU	blue	50	26	12.5	0.9	Yes
TCS381X50BU	blue	50	36.5	17.5	1	Yes
TCS508X25BU	blue	25	50	25	1.1	Yes
TCS16X200RE	red	200	1.5	0.85	0.32	Yes
TCS24X200RE	red	200	2.5	1	0.35	Yes
TCS32X200RE	red	200	3	1.3	0.38	Yes
TCS48X100RE	red	100	4.5	2	0.45	Yes
TCS64X100RE	red	100	6.5	3	0.55	Yes
TCS95X100RE	red	100	9.5	4.5	0.6	Yes
TCS127X100RE	red	100	12.5	6	0.6	Yes
TCS190X100RE	red	100	19	9	0.8	Yes
TCS254X50RE	red	50	26	12.5	0.9	Yes
TCS16X200WH	white	200	1.5	0.85	0.32	Yes
TCS20X200WH	white	200	2	0.85	0.36	Yes
TCS24X200WH	white	200	2.5	1	0.35	Yes
TCS32X200WH	white	200	3	1.3	0.38	Yes
TCS48X100WH	white	100	4.5	2	0.45	Yes
TCS64X100WH	white	100	6.5	3	0.55	Yes

tipo	Colour	Coil length [m]	Inner diameter pre shrinkage [mm]	Inner diameter after shrinkage [mm]	Thickness after shrinkage [mm]	ROHS compliant
TCS95X100WH	white	100	9.5	4.5	0.6	Yes
TCS127X100WH	white	100	12.5	6	0.6	Yes
TCS190X100WH	white	100	19	9	0.8	Yes
TCS254X50WH	white	50	26	12.5	0.9	Yes
TCS381X50Y/G	yellow/green	50	36.5	17.5	1	Yes
TCS508X25Y/G	yellow/green	25	50	25	1	Yes
TCS32X200Y/G	yellow/green	200	3	1.3	0.38	Yes
TCS48X100Y/G	yellow/green	100	4.5	2	0.45	Yes
TCS64X100Y/G	yellow/green	100	6.5	3	0.55	Yes
TCS95X100Y/G	yellow/green	100	9.5	4.5	0.6	Yes
TCS127X100Y/G	yellow/green	100	12.5	6	0.6	Yes
TCS190X100Y/G	yellow/green	100	19	9	0.8	Yes
TCS254X50Y/G	yellow/green	50	26	12.5	0.9	Yes
TCS32X200TR	transparent	200	3.2	1.6	0.45	Yes
TCS64X100TR	transparent	100	6.4	3.2	0.56	Yes
TCS48X100TR	transparent	100	4.8	2.4	0.45	Yes
TCS95X100TR	transparent	100	9.5	4.8	0.56	Yes
TCS127X100TR	transparent	100	12.7	6.4	0.56	Yes
TCS160X100TR	transparent	100	16	8	0.7	Yes
TCS190X100TR	transparent	100	19	9.5	0.7	Yes
TCS12X200TR	transparent	200	1.2	0.6	0.33	Yes
TCS16X200TR	transparent	200	1.5	0.85	0.32	Yes
TCS24X200TR	transparent	200	2.4	1.2	0.45	Yes
TCS254X50TR	transparent	50	26	12.5	0.9	Yes
TCS320X50TR	transparent	50	32	16	1	Yes
TCS381X50TR	transparent	50	38.1	19	1	Yes
TCS508X25TR	transparent	25	50.8	25.4	1.1	Yes
TCS762X25TR	transparent	25	76.2	38.1	1.3	Yes
TCS1016X25TR	transparent	25	100	51	1.3	
TCS1260X25TR	transparent	25	120	61	1.3	
TCS1500X25TR	transparent	25	150	76	1.3	
TCS16X200GY	grey	200	1.5	0.85	0.32	Yes

tipo	Colour	Coil length [m]	Inner diameter pre shrinkage [mm]	Inner diameter after shrinkage [mm]	Thickness after shrinkage [mm]	ROHS compliant
TCS24X200GY	grey	200	2.5	1	0.35	Yes
TCS32X200GY	grey	200	3	1.3	0.38	Yes
TCS48X100GY	grey	100	4.5	2	0.45	Yes
TCS64X100GY	grey	100	6.5	3	0.55	Yes
TCS95X100GY	grey	100	9.5	4.5	0.6	Yes
TCS127X100GY	grey	100	12.5	6	0.6	Yes
TCS190X100GY	grey	100	19	9	0.8	Yes
TCS254X50GY	grey	50	26	12.5	0.9	Yes
TCS381X50GY	grey	50	36.5	17.5	1	Yes
TCS508X25GY	grey	25	50	25	1.1	
TCS16X200BR	brown	200	1.5	0.85	0.32	Yes
TCS24X200BR	brown	200	2.5	1	0.35	Yes
TCS32X200BR	brown	200	3	1.3	0.38	Yes
TCS48X100BR	brown	100	4.5	2	0.45	Yes
TCS64X100BR	brown	100	6.5	3	0.55	Yes
TCS95X100BR	brown	100	9.5	4.5	0.6	Yes
TCS127X100BR	brown	100	12.5	6	0.6	Yes
TCS190X100BR	brown	100	19	9	0.8	Yes
TCS254X50BR	brown	50	26	12.5	0.9	Yes
TCS381X50BR	brown	50	36.5	17.5	1	Yes
TCS508X25BR	brown	25	50	25	1.1	Yes