Siechem Automotive Engine Harness Wire ISO 19642-3 T4 Class D

Application

- ✓ For use in automotive engine compartment to withstand excessive heat and to give protection from engine fluids.

Product Construction

- ✓ Conductor : Soft-annealed electrolytic copper construction (Tinned Copper on request)
- ✓ Insulation : EBXL special polymer uni sheathed
- ✓ Colour : As per customer order.
- ✓ Single core, Single layer.

Technical Data

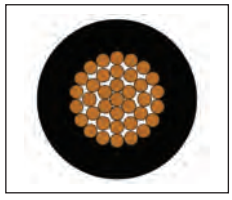
- ✓ Temperature Range : - 40°C to +150°C (ISO 19642-3 T4 Class D)
- ✓ Voltage : 60 V
- ✓ Structure A : 0.35 Sq.mm to 2.5 Sq.mm
- ✓ Structure B : 4 Sq.mm to 35 Sq.mm
- ✓ Specification : ISO 19642-3

Features

- ✓ High temperature resistance
- ✓ Electron Beam Cross Linked
- ✓ Class D Compliant
- ✓ Available in twisted pairs and triples
- ✓ Thin wall designs
- ✓ Excellent oil resistance at high temperature
- ✓ T4 Rated (3000 hrs @ 150°C)
- ✓ Designed for 150°C continuous use.
- ✓ Flame Retardant
- ✓ Mechanically Robust
- ✓ Abrasion resistant

Automotive Cables | **T4 Class D**

2D View



Approvals	Accreditations	Certifications

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Part Number	Conductor Construction				Insulation Wall Thickness min.	Cable			Current Carrying Capacity	Max.Conductor Resistance at 20°C	
	Nominal Cross-Section	No. of Strands	Diameter of Single wire max.	Conductor Diameter Max.		Overall Diameter		Weight Approx.			
						Min.	Max.			Plain	Tinned
	mm^2	nos.	mm	mm	mm	mm	mm	kg/km	Amps	Ω/km	Ω/km
C54605XX *	0.35	7	0.27	0.80	0.20	1.20	1.40	5	13	54.4	55.5
CA54606XX	0.5	7	0.32	1.00	0.22	1.40	1.60	7	16	37.1	38.2
C54606XX	0.5	19	0.19	1.00	0.22	1.40	1.60	7	16	37.1	38.2
C54608XX	0.75	19	0.24	1.20	0.24	1.70	1.90	9	22	24.7	25.4
C54610XX	1	19	0.27	1.35	0.24	1.90	2.10	11	26	18.5	19.1
C54613XX	1.5	19	0.33	1.70	0.24	2.20	2.40	17	33	12.7	13.0
C54616XX	2.5	19	0.41	2.15	0.28	2.70	3.00	27	46	7.60	7.82
C54619XX	4	56	0.31	2.50	0.32	3.40	3.70	43	64	4.71	4.85
C54623XX	6	84	0.31	2.95	0.32	4.00	4.30	62	82	3.14	3.23
C54627XX	10	80	0.41	4.50	0.48	5.30	6.00	108	119	1.82	1.85
C54628XX	16	126	0.41	6.30	0.52	6.40	7.20	177	160	1.16	1.18
C54656XX	20	152	0.41	6.90	0.52	7.00	7.80	190	180	0.955	0.999
C54630XX	25	196	0.41	7.80	0.52	7.90	8.70	250	211	0.743	0.757
C54632XX	35	276	0.41	9.00	0.64	9.40	10.40	345	259	0.527	0.538

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red-01	Yellow-02	Blue-03	Black-04	Green-05	Grey-07	Brown-08	White-09	Orange-10	Violet-11	Chocolate-12	Tan-13	Charcoal-14	LT Blue-15	DK Grey-16
LT Green-17	DK Green-18	DK Blue-19	Purple-20	Pink-21	Blue-Black-30	Blue-Yellow-32	Blue-Green-33	Black- White-40	Black- Yellow-41	Green-Black-42	Green-Red-43	Grey-Red-47	Grey-Blue-50	Brown-Yellow-57
Orange-Grey-68	Orange-Green-71	Violet-Green-77	Pink-Black-79	Yellow-Black-96	Yellow-Orange-98	Blue-White-A02	Green-White-A04	Blue-Orange-A14	Black-Grey-A16	Pink-Green-A20	Green-Pink-A28	Green-Violet-A35		

✓ Current carrying capacity given is for the maximum conductor operating of 150° C and ambinet air temperature of 40°C.

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.

Catalogue No
C546

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All information given are in good faith.Siechem's liability is only to replace the defective portion of cables provided the same is mutually established as manufacturing defects within the guarantee period as agreed in writing and Siechem shall not be liable for any other compensation or damages. Siechem reserves the right to revise any of the above specifications without prior intimation. Subject to Chennai Jurisdiction.