

Application

- ✓ Low-tension electric wire for Automobiles.
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

Product Construction

- ✓ Conductor : Soft-annealed electrolytic Copper E-Cu ETP1 according to DIN 13602, bare conductor
- ✓ Insulation : TPE-S (Thermoplastic polystyrene polymer)
- ✓ Outer Sheath : TPE-U (Thermoplastic polyurethane elastomer with especially high resistance to hydrolysis)
- ✓ Colour : As per customer order.
- ✓ Multicore

Technical Data

- ✓ Temperature Range : - 40°C to +125°C (3000 Hours)
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm² 5kV (r.m.s.) for cables ≥ 0.5 mm²
- ✓ FL : Automotive Cable
- ✓ R: Reduced wall thickness
- ✓ 31Y: TPE- S
- ✓ 11Y: TPE-U
- ✓ Standard : Similar to ISO 6722, Class C

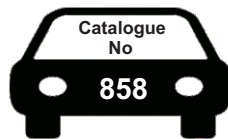
Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Extra flexibility.

Automotive Cables **FLR31Y11Y**

ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS TM Certification

Part Number	Conductor Construction					Insulation Wall Thickness Nom.	Outer Sheath Thickness Nom.	Cable		Max. conductor resistance at 20°C	Standard Length*
	Nominal Cross-Section	No. of Core	No. of Strands	Diameter of Single wire max.	Conductor Diameter Nom.			Overall Diameter Max.	Weight Approx.		
	mm ²	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	mtrs
8580602	0.5	2	28	0.16	1.0	0.30	0.7	4.7	38	37.1	500
8580602	0.5	2	28	0.16	1.0	0.30	1.0	5.2	45	37.1	500
8580802	0.75	2	42	0.16	1.2	0.30	1.2	6.4	64	24.7	500
8580603	0.5	3	19	0.19	1.0	0.30	0.8	5.2	47	37.1	500
8580803	0.75	3	19	0.23	1.2	0.30	0.8	6.1	64	24.7	500
8581003	1	3	19	0.26	1.3	0.35	0.8	6.3	63	18.5	500
8580604	0.5	4	28	0.16	1.0	0.30	1.2	6.4	76	37.1	500



Siechem Wires & Cables Meet EU RoHS Directive

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