

FLR13Y-A/B T4 Hydrolysis resistant

Cavi unipolari automotive isolati in TPE-E a spessore sottile per alta temperatura.

Automotive single-core cables with thin wall TPE-E insulation, high temperature resistant.



1 – Rame flessibile ISO 6722 tipo A
1^A – Rame flessibile ISO 6722 tipo B
2 – TPE-E (Elastometro termoplastico base poliestere)

1 – Flexible copper ISO 6722 type A
1^A – Flexible copper ISO 6722 type B
2 – TPE-E (Thermoplastic polyester elastomer)



NORME / STANDARDS

ISO 6722-1
FIAT 91107/17

CONFEZIONAMENTO / PACKAGING



CARATTERISTICHE

Isolamento: **Hydrolysis resistant TPE-E (Elastometro plastico base poliestere) Classe D ISO 6722-1**

Temperatura di funzionamento: **-40°C ÷ +150°C (3000 h)**

Temperatura di sovraccarico: **+180°C (48 h)**

CHARACTERISTICS

Insulation: **Hydrolysis resistant TPE-E (Thermoplastic polyester elastomer) Class. D ISO 6722-1**

Operating temperature: **-40°C ÷ +150°C (3000 h)**

Overload temperature: **+180°C (48 h)**

APPLICAZIONI

Cavi isolati in TPE-E (elastomero termoplastico a base poliestere) anti-fiamma, per uso automotive in applicazioni a bassa tensione, anche in ambienti ad alta temperatura, molto esposti alle fonti di calore dirette. Cavi resistenti al calore, adatti all'impiego nel vano motore. Eccellente resistenza alla lacerazione, buona resistenza agli oli, agli agenti chimici ed ambientali. Eccellente resistenza all'idrolisi. Adatto in applicazioni di fanaleria.

APPLICATIONS

Flame retardant TPE-E (Thermoplastic polyester elastomer) insulated cables, suitable for automotive use on low voltage applications and systems, also in hot environments, with high exposure to heat sources on the cables. Heat resistant cable, suitable for applications inside the engine compartment. Excellent tearing resistance, good resistance to most oils, chemicals and weather conditions. Excellent hydrolysis resistance. Use in headlight application.



Nominal size	Conductor construction * ISO6722	Max. conductor resistance at 20°C ISO6722		Max Outer cable diameter ISO6722	Nominal ins. Thickness ISO6722	Minimum ins. Thickness ISO6722	Indicative weight
mm ²	Nr x Ø mm	Ohm/Km		mm	mm	mm	Kg/Km
FLR13Y-A		Bare	Tinned				
0.22	7 x 0.2	84.8	86.5	1.2	0.25	0.20	3
0.35	7 x 0.25	54.4	55.5	1.3	0.25	0.20	5
0.50	19 x 0.18	37.1	38.2	1.6	0.28	0.22	7
0.75	19 x 0.23	24.7	25.4	1.9	0.3	0.24	9
1	19 x 0.26	18.5	19.1	2.1	0.3	0.24	11
1.5	19 x 0.32	12.7	13.0	2.4	0.35	0.28	16
2.5	19 x 0.41	7.6	7.82	3.0	0.35	0.28	26
FLR13Y-B		Bare	Tinned				
0.50	16 x 0.2	37.1	38.2	1.6	0.28	0.22	7
0.75	24 x 0.2	24.7	25.4	1.9	0.3	0.24	9
1	32 x 0.2	18.5	19.1	2.1	0.3	0.24	11
1.5	30 x 0.25	12.7	13.0	2.4	0.3	0.24	16
2.5	50 x 0.25	7.6	7.82	3.0	0.35	0.28	26
4	56 x 0.3	4.81	4.85	3.7	0.40	0.32	42
6	84 x 0.3	3.14	3.23	4.3	0.40	0.32	61
10	80 x 0.4	1.82	1.85	6.0	0.60	0.48	110

* The strandings above highlight examples of conceptual configurations and are not intended to reflect any preferred constructions. Other stranding configurations may be used providing they meet the resistance requirements and are agreed between customer and supplier.