



MEGA GLM

MEGA GLM is a Megamide braided jacket valued for its resistance to heat. It has a constant working temperature of -40°C to + 170°C, withstands short-term peaks of 230°C and a melting point of 260°C. It is available in sizes up to 30mm and recommended for aeronautic wire cable feeding. It can be cut as required.

This braided jacket is ideal for rigorous mechanical applications where resistance to heat and self-extinguishing characteristics are also a consideration. Exposure of Megamide to a naked flame under test conditions shows that it conforms to current aeronautic standards for electric cables. It is often used in scientific, electronic, electrical and telephonic equipment as well as in television, aviation and marine industries. MEGA GLM has an expansion rate which covers 25 % to 200 % of its supplied minimum diameter and is particularly recommended for aeronautic wire cable feeding. Other grades of Megamide are also available on enquiry.

Properties	Typical Values	
GENERAL		
Operating temperature	-40°C – + 170°C	
Short-term peak temperature	230°C	
Melt temperature	255°C	
Monofilament thickness	0.3mm	
PHYSICAL		
Specific gravity	1.13kg/dm³	DIN 53479
Water absorption	at 23°C, 50% immersion 2.8%, full immersion 8.5%	DIN 53714, 53495
THERMAL		
Flammability	Pass	UL94 V2
CHEMICAL		
Chemical resistance	Unaffected by most chemicals	
Oxygen Index	27%	ASMT D 2863
Toxicity	Halogen & phosphorus free	
Opacity	Low smoke density	

TECHNICAL DATA

- **OPERATING TEMPERATURE**
-40°C-+170°C
- **FLAME RETARDANT**
Self-extinguishing
- **COLOURS**
Black, Other colours available upon request
- **SIZES**
03-07mm – 30-34mm
- **PACKING**
Reels, cut to length, cut sleeves
- **APPROVALS**
UL approved, RoHS Compliant
- **APPLICATIONS / INDUSTRIES**
Electrical, Electronics, Industrial, Mechanical, Automotive, Military-defence, Aerospace,

Size (mm)	Application range (mm)
03-07	3 – 7
06-11	6 – 11
08-18	8 – 18
12-22	12 – 22
16-25	16 – 25
20-28	20 – 28
30-34	30 – 34

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