



AMERICAN ELECTRICAL, INC.

INDUSTRIAL ELECTRICAL ACCESSORIES

Wire Ferrules Technical Information

Apart from giving a high quality appearance, ferrules also ensure the reliability of the connection and installation.

Advantages of wire ferrules:

- Easy insertion of wire into terminal
- Prevents flare out of stripped, stranded wire
- Improved connection reliability

Wire ferrules with plastic insulating collars:

- Simple identification of the circuit and voltage based on the color of the insulated collar

Additional insulation helps to isolate and protect against unwanted contact with electrical circuits.

Technical Data		Wire Ferrule Pull Out Forces			
Material	Polypropylene PP homo	mm ²	AWG	Pull out Force lbs (N)	Ferrule (H Type)
MI (Melt Index)	12	0.25	24	3.375 (15)	0.25
Flexural Modulus	1.550 Mpa	0.25	22	3.375 (15)	0.5
Izod	25	0.5	20	6.75 (30)	0.75
Thermal Properties	89°C	1	18	6.75 (30)	1
H.D.T. – 4.6 kg/cm ²	108°C	1.5	16	9 (40)	1.5
H.D.T. – 18.6 kg/cm ²	-20°C	2.5	14	11.25 (50)	2.5
Crystal Melting Temp.	164 - 168°C	4	12	11.25 (50)	4
		6	10	13.5 (60)	6
		10	8	18 (80)	10
		16	6	20.25 (90)	16
		25	4	22.5 (100)	25
		35	2	27 (120)	35
		50	1	31.5 (140)	50

If you have any additional questions, please contact American Electrical at (804) 379-2899.

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