

CABLE	O.R. FRX® 5G25 5GAWG04 CABLE FOR DYNAMIC INSTALLATION ON DRAG CHAIN	TE.CO. Part. No. 43318
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Unit 1 5G25 units 1

CONDUCTOR

MATERIAL	Bare copper	
STRAND	- Extra-flexible (DIN VDE 0295, IEC 60228 or CEI 20-29)	
CONDUCTORS' NUMBER	5	
NOMINAL SECTION	25	mm ²

INNER TAPE

LAYOUT	Between conductor and insulation (optional)	
MATERIAL	Transparent tape or Non-woven tape	

INSULATION

MATERIAL	PVC	
COLOURS	Black conductors with numbers from 1 to 4 + Green/Yellow	
OUTER DIAMETER	9±0.1	mm


OVERALL TAPE

LAYOUT	Araound the total assembly.	
MATERIAL	Non-woven tape	

OVERALL JACKET

MATERIAL	PVC	
COLOURS	Matte black - RAL 9005	
DIAMETER	29±0.55	mm

MARKING ON OUTER JACKET

P/N 43317 TE.CO. E244280 - Fxx -  US - AWM STYLE 2570 80°C 1000V VW-1 - AWM I/II A/B 80°C 1000V FT1 - 5GAWG04 - O.R. FRX® 5G25 - IEC 60332-1-2 - year/week - CE meter indication
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ELECTRICAL FEATURES

WORKING VOLTAGE	1000	v
TEST VOLTAGE	4000	v

DYNAMIC FEATURES

MINIMUM BENDING RADIUS	Static installation: 4 (times Ø cable) Dynamic inst: 7.5 (times Ø cable)	
WORKING TEMPERATURE	Static installation: -40 ÷ +80 Dynamic installation: -5 ÷ +80	°C
MAX. SPEED	Up to 180	m/min
MAX. ACCELERATION	Up to 10	m/sec ²

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CHAIN LENGHT	Up to 10 (horizontal only)	m
GUARANTEED CYCLES	Up to 5 Mio	

The given data are meant to be restricted to the type of reference installation.
 For fixed installation is meant to be without any mechanical stress.
 For application in dynamic installation with very low temperatures, contact our technical department.

APPROVALS AND STANDARDS

REFERENCE STANDARDS	1581, UL 758(UL); C22.2 n° 210(CSA)
UL-CSA APPROVALS	UL E244280 AWM STYLE 2570 80°C 1000V CSA E244280 AWM I/II A/B 80°C 1000V
FIRE PERFORMANCE	VW-1(UL); FT1(CSA); IEC 60332-1-2(EU)
INDUSTRIAL OIL RESISTANCE	1581(UL); IEC 60811-404(EU); CEI EN 50363-4-1(EU); IRM 902
UV AND WEATHER RESISTANT	UV RESISTANT

REVISIONS

Date	Rev.	
18/10/2022	001	

TE.CO. reserves the right to make some modification to products but keeping main technical characteristics.

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