

BO HF 1000 PUR UL/CSA

EXTRAFLEX CU/PP/PUR

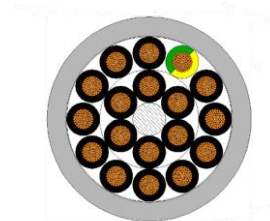


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Conductor:	Bare copper according to VDE 0295 - IEC 60228 cl.6
Insulation:	Polypropylene compound
Colour Code:	Black with white numbers + G/Y
Wrapping:	Conductors cabled together with optimal lay-length, fillers admitted Taping: Non woven tape
Outer Sheath:	PUR compound Colour: Grey, RAL 7001 (or to be agreed)
Cable Printing:	- Standard
Technical Data & Standard References	Temperature Range: -30°C +90°C (Flexible application) -40°C +90°C (Fixed installation)
	Working Voltage: 1000V Test Voltage: 4000V Insulation Resistance: At 20°C > 1 GΩ Km Conductor Resistance: Max at 20°C in accordance with IEC 60228 and VDE 0812
	Bending Radius: 6,5 X D (Flexible application) - 4 X D (Fixed installation) Maximum Speed: Up to 300 m/min Maximum Acceleration: Up to 50 m/sec² Length of Chain: 15m (Orizontal only) Cycle Number: 5.000.000
	Halogen Free: IEC 60754-1 Flame Resistance: IEC 60332-1-2, UL 1581 VW-1, CSA FT1 Oil Resistance: VDE 0473-811-404, UL 1581, IEC 60811-404 UV Resistance: Yes Abrasion Resistance: ASTM D 4060 Water Resistance: EN 60811-1-3 MUD Resistance: NEK 606 Microbe Resistance: VDE 0282/10 Approvals: UL STYLE 21209

TECHNICAL DATA AND PRODUCT FEATURES

	TEMPERATURE RANGE -30°C +90°C (Flexible application) -40°C +90°C (Fixed installation)
	WORKING VOLTAGE 1000 V
	TEST VOLTAGE 4000 V
	FLAME RESISTANCE IEC 60332-1-2, UL 1581, CSA FT1
	OIL RESISTANCE VDE 0473-811-404, UL 1581, IEC 60811-404
	UV RESISTANCE Yes
	APPROVALS UL STYLE 21209
	BENDING RADIUS 6,5 X D (Flexible application) - 4 X D (Fixed installation)
	MAXIMUM SPEED Up to 300 m/min
	MAXIMUM ACCELERATION Up to 50 m/sec ²
	LENGTH OF CHAIN 15m (Orizontal only)
	CYCLE NUMBER 5.000.000

Application: Multi-polar cables with low capacity insulation and polyurethane sheath for heavy applications on drag-chains with high speed and with presence of oils, high abrasion resistance