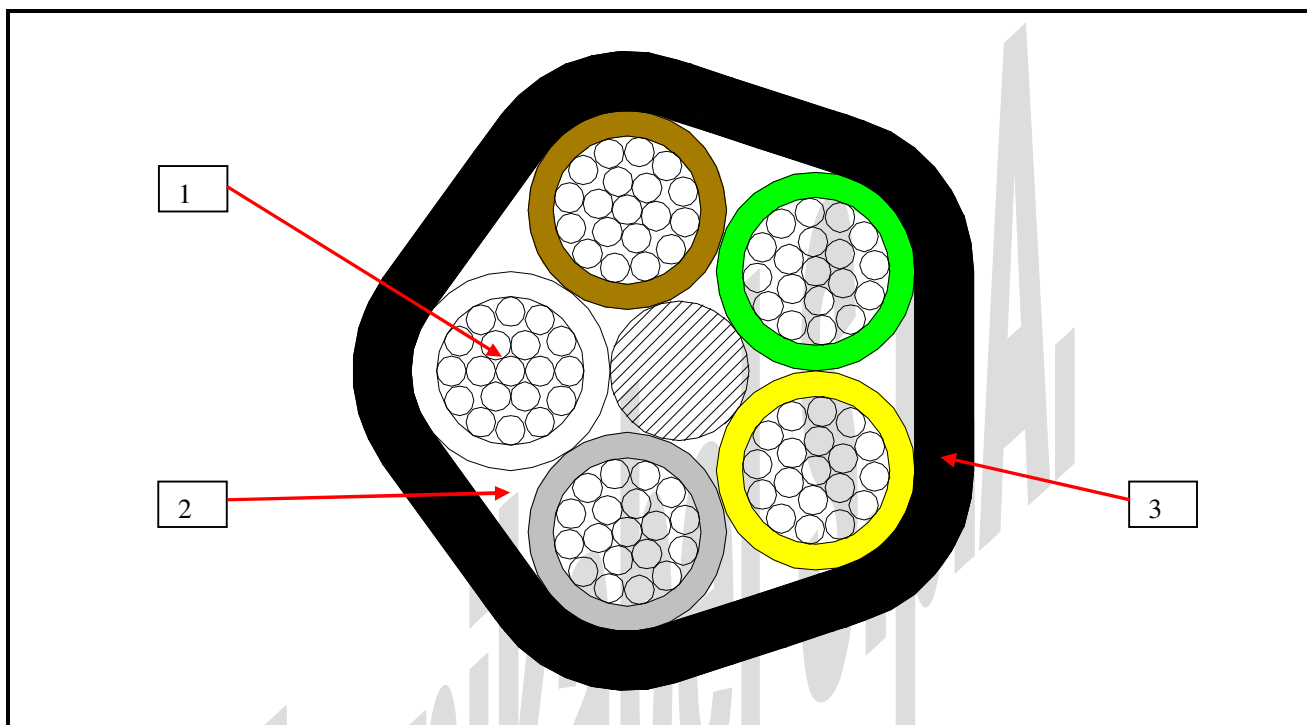


 SPECIAL ELECTRICAL CABLES	Technical Specification	N° 40515	 RoHS compliant 2002/95/EC
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Description : POLFEP(5x0,75)FEP	Code : 335D0001
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N°	Description	N°	Description
1	5x0,75mm² : - Tinned Copper Conductor 0,75mm² (AWG19) - FEP Insulation, Nominal Diameter 1,5mm Colours White, Brown, Green, Yellow, Grey.	2	Total Assembly : (see drawing) Elements 1 assembled in layer with central filler
		3	Overall Sheath : - FEP Sheath, Nominal Diameter 5mm Colour Black

Marking :

POLFEP 5x0,75mm2 FEP TEFLON TECHNIKABEL 250VAC - 200°C - (Week/Year) - CE

<i>Date</i>	<i>Rev.</i>	<i>Page 1 of 3</i>	
16/09/14	0		<i>Emission</i>
Technical Office : Davide BENTIVOGLIO		Customer's signature and stamp for acceptance :	

For Further information on this product or any other product within our range, or for any advice, Please contact
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Description : POLFEP(5x0,75)FEP	Code : 335D0001
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<i>Other Characteristics</i>	
Electrical Resistance at 20°C	: $\leq 27 \Omega/\text{km}$
Insulation Resistance at 20°C	: $\geq 500 \text{ M}\Omega \times \text{km}$
Test Voltage	: 1500 V.a.c.
Max Operating Voltage	: 250 V.a.c.
Temperature Range	: $-100^\circ\text{C} \div +200^\circ\text{C}$
Minimum Bending Radius	: $5 \times \varnothing$ (fixed installation)
Flame resistance	: IEC 60332.1 , UL Vertical Flame Test , CSA FT1
Chemical Resistant (<i>See Table I</i>)	: Excellent Resistance to water : Excellent Resistance to hydrocarbons : Excellent resistance to oils : Excellent Resistance to acids : Good Resistance to solvents : Excellent Resistance to UV weathering
European Directives 2011/65/EU (RoHS 2 - Reduction of Hazardous Substances) and 2002/96/EC (WEEE – Waste from Electrical and Electronic Equipment)	

<i>Date</i>	<i>Rev.</i>	<i>Page 2 of 3</i>
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Description : POLFEP(5x0,75)FEP

Code : 335D0001

Table I

Fluorinated polymeric is resistant against following chemical materials

Abietin acid Acetone Acetone phenon Acetic anhydride Acetic acid Acryl hydride Allylic acetate Allylic metacrylacid Aluminium chloride Ammonia, liquid Ammonium chloride Aniline Benzene chloride Benzonitrile Benzyl alcohol Borax Bromine Butyl acetate Butyl Calcium chloride Carbon bisulfide Cetane Chlorine Chloroform Chlorosulfonic acid Chromic acid Cyclohexan Cyclohexanon	Diethyl Carbonate Dibutyl-Phthalide Dibutyl-Sebacat Di-isobutyl Adipt Dimethyl ether Dimethyl Formamide Dimethyl hydrazine Dioxane Esachloroethane Ethyl Exoate Ethyl ether Ethyl alcohol Ethyl acetate Ethylene bromide Ethylene glycol Ferric chloride Fluoride naphthalene Fluoride nitrobenzene Fomaldehyde Formic acid Furan Hexane hydrazine Hydrochlorid acid Hydrogen superoxide Iron phosphide Lead Magnesium chloride Mercury Metacryl acid Methanol Methyl ethyl keton Methyl metacryl acid	Naphtalene Naphthole N-Butylamine Nitric acid Nitromethane Nitrogen tetroxyde not synthetic nitrobenze N-octadecyal alcohol 2-Nitro butanol 2-Nitro-Methyl propanol Oils, from vegetables Oils, from animals Ozone Pentachloro benzamide Perchloro ethylene Permanganate Petrol Phenol Phosphorus pentachloride Phosphoric acid Phthalic acid Pinene Piperidine Potassium Potassium acetate Potassium hydroxide Polyacryonitril Pyridine	Stannous chloride Sodium hydroxide Sodium hydochloride Sodium peroxide Sodium Sulfite Solvents Soaps Sulfur Sulfuric acid Tetra bromothane Tetrachlorethane Triethanolamine Trichloroacetic acid Trichloroethylene Tricresylic phosphate Vinylmetracrylate Washing mediums Water Xylol Zinc chloride
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*The above information is based on our experience and on supplier's technical information.
The above information must be considered purely indicative, to be confirmed by tests made in practice.*

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