

Reeling cable

FABER[®] PUR Reeling (UL)



Application: For use in dry and damp areas, explosive environments and for various heavy duty outdoor applications such as hoisting gears, transportation systems, motorized cable reels, rail traction motors and even agricultural machinery where high mechanical stresses are involved.

Construction and technical data:

Conductor material:	copper, bare
Conductor construction:	class 6 = extra finely stranded, up from 35 sqmm class 5
Insulation:	polyester
Material inner sheath:	polyurethan
Torsion protection:	polyester braid
Strength member:	textile yarns embedded in the outer sheath
Sheathing material:	polyurethan
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Halogen-free:	yes
UV-resistant:	yes
For outdoor use:	yes
Max. temperature at conductor, °C:	80 °C
Permitted outer cable temperature, fixed, °C:	-50 - +80 °C
Permitted outer cable temperature, moved, °C:	-40 - +80 °C
Bending radius, fixed installation:	6 x Ø
Bending radius, moving application:	6 x Ø
Insulation resistance:	20 MOhm \times km
Maximum tensile strength at the conductor:	25 N/mm ²
Operating speed:	200 m/min.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

FABER[®] PUR (UL)**Nominal voltage U_o:** 0.6 kV**Nominal voltage U:** 1 kV**Test voltage:** 4 kV

part no.	part name	RI [Ohm/km]	Ø [mm]	Fzp [N]	Cu	G [kg]
036557	18G2.5 YE	7.98	21.1	1125	446	780
037791	04G4 YE	4.95	12.5	400	158	282
037710	05G6 GE	3.3	17.8	750	297	511
037709	05G4 GE	4.95	14.3	500	198	362
038200	30G1.5 YE	13.3	24.6	1125	446	935
036556	42G1.5 Bd YE		26.5	1575	624	1175
036891	42G2.5 Bd YE	7.98	31.4	2625	1040	1511
038480	49G2.5 Bd YE		38	3062.5	1213	2271

RI	Conductor resistance
Ø	outer diameter approx.
Fzp	Tensile strength (permanent)
Cu	Copper weight (GER)
G	net weight per 1000