



OVL - overlapping

This specification covers an overlapping convoluted tube made of flame-protected polypropylene material according below mentioned requirements. The purpose of the tubing is to protect wire harnesses of abrasion and mechanical influences. Further the tube is resistance against all media known from established automobile industry's specifications.

Properties / Technical data

Continuous use temperature	- 40 °C till + 130 °C
Brief application temperature	+ 150 °C
Density (DIN 53 479)	0,91 till 0,93 g/cm ³
Moisture absorption	< 0,1%
Yield stress (DIN 53 455)	15 - 20 MPa
Elongation (DIN 53 455)	> 300 %
E - Modul (DIN 53 457)	500 - 700 MPa
Dielectric strength (DIN 53 453)	without break
Tensile impact strength (DIN 53 453)	without break
Inflammability	FMVSS 302 (v< 75 mm/min); UL 94-V2

Chemical stabilities (in direct contact)

Gasolines with 23°C	well steadily
Brake fluids with 23°C	well steadily
Antifreeze (+H ₂ O) with 23°C	well steadily
Cleaning agent with 23°C	well steadily
Lubricant and fat with 23°C	well steadily
Acids (strongly diluted)	well steadily
Acids	moderately steadily

Part no	NW inner (mm)	Outside ø mm	Maximum outer ø of the cable harness in mm	Standard ring lenght (m)
80513004	13	18,5 +/-0,5	14	85
80516004	16	21,0 +/-0,5	16,5	60
80519004	19	24,4 +/-0,5	19	50
80523004	23	28,5 +/-0,5	22,5	35
80526004	26	31,9 +/-0,5	25,5	25

We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. BOXCO shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.