



PA-MONOFILAMENTS
Polyamide Copolymer Monofilament
TECHNICAL INFORMATION

Balázs Filament Technologies Ltd.

2006

ISO 9001



Certified company

Introduction

Our PA-MONOFILAMENT product for fishing line application is a synthetic monofilament having the possible highest technical parameters. We are using exclusively polyamide copolymers as raw material originating from Germany and Japan.

The stable position of BFT Ltd. among the leader monofilament fishing line manufacturers in Europe is based on the several years experience, the continuous research and development further on the extraordinary exactitude experienced during the production.

The different types of fishing lines produced by BFT Ltd. cover all market requirements. You can select the color of the product from our Color Catalog but of course we can meet the individual requests as well. In case of an order there is no quantity limit, therefore we are ready to deliver small quantities as well.

The Polyamide Copolymer Monofilaments for fishing line application are composed from three main grades as follows:

PA-MONOFILAMENTS CoPA 30 series, CoPA 60 series and CoPA 90 series.

The PA-MONOFILAMENTS belonging to all three series are made of polyamide 6/66 copolymer raw material.

The raw materials of series 30, 60 and 90 differ from each others and are purchased from different suppliers.

PA-MONOFILAMENTS categories

CoPA 31

CoPA 32

CoPA 61

CoPA 91

CoPA 91 M

Remark

In the past we have used different coding. The equivalents of old codes are as follows:

CoPA-25ST is equal to CoPA 31

CoPA-50XS is equal to CoPA 61

FT-CoX is equal to CoPA 91 M

Characteristics of PA-MONOFILAMENTS categories

Category	Characteristics	Applications
CoPA 31	High transparency. Higher strength than at CoPA 32.	Fishing line suitable for general fishing where high strength is important.
CoPA 32	Transparency is better and softness is higher than at CoPa 31.	Fishing line suitable for general fishing where high softness is important.
CoPA 61	Higher line strength than at 30 series. Very good transparency and softness.	Fishing line in the medium category where high strength and softness required.
CoPA 91	Excellent transparency and medium softness. Excellent line strength. Low moisture absorption.	Fishing line in the top category where the excellent strength and medium softness are important.
CoPA 91 M	Excellent transparency and softness. Excellent line strength. Low moisture absorption.	Fishing line in the top category where the excellent strength and excellent softness are important.

Spin finish of PA-MONOFILAMENTS

If required we can treat the surface of monofilaments with different coatings (spin finish). These coatings modify some characteristics of the product in positive way.

Marking	Type	Characteristics
C	Slipping oil	Decreases the friction, increases the abrasion resistance. The line became antistatic.
S	Silicone oil	The line is water-repellent, does not absorb moisture. Decreases the friction of the line and increases the abrasion resistance.
P	Softening oil	The coating penetrates into the structure of the line and increases its softness. Decreases the friction, increases the abrasion resistance.

Nomenclature of the PA-MONOFILAMENTS

- The first digit in the code indicates the manufacturer of the polyamide.
3
6
9
- The second digit indicates the type of polyamide 6/66 copolymer supplied by the same manufacturer and used at the processing.
- Additional markings:
 - M:** contains softener additives
 - C:** treated with slipping oil
 - S:** treated with silicone oil
 - P:** treated with softening oil

Examples:

CoPA 91 C

Monofilament, produced from polyamide 6/66 copolymer type 1 raw material which was supplied by a manufacturer having a code of 9, treated with slipping oil.

CoPA 91 MP

Monofilament, produced from polyamide 6/66 copolymer type 1 raw material which was supplied by a manufacturer having a code of 9, containing softener additives and treated with softening oil.

CoPA 61

Monofilament, produced from polyamide 6/66 copolymer type 1 raw material which was supplied by a manufacturer having a code of 6.

CoPA 32 P

Monofilament, produced from polyamide 6/66 copolymer type 2 raw material which was supplied by a manufacturer having a code of 3, treated with softening oil.