Specifications	Polyblend 5/8 in.	Polyblend 3/4 in.	Nylon	Superline
Codes	G9058	G9034	G3058	G8058
Material	Polyester and polypropylene blend	Polyester and polypropylene blend	Nylon	Polypropylene
Diameter	5/8 in. (16 mm)	3/4 in. (19 mm)	5/8 in. (16 mm)	5/8 in. (16 mm)
Construction	3-strands, polymonofilament twisted	3-strands, monofilament twisted	3-strands, heat processed, monofilament	3-strands, monofilament twisted
Color	White with blue tracers	White with red and blue tracers	White	Blue
Length	600 & 1,200 ft. (182 & 365 m) spools	600 & 1,200 ft. (182 & 365 m) spools	600 ft. (182 m) spools	1,200 ft. (365 m) spools
Minimum breaking strength	9,000 lbs. (40 kN)	9,800 lbs. (43.6 kN)	8,800 lbs. (39.1 kN)	11,500 lbs. (51.2 kN)
Weight	9.3 lbs./100 ft. (4.2 kg/30 m)	12.5 lbs./100 ft. (5.7 kg/30 m)	10.3 lbs./100 ft. (4.7 kg/30 m)	8.5 lbs./100 ft. (3.9 kg/30 m)
Critical melting point	350° F (177° C)	350° F (177° C)	350° F (177° C)	250° F (121° C)
Melting point	480° F (249° C)	480° F (249° C)	460° F (238° C)	330° F (165° C)
Elongation at breaking point	28-30%	20-22%	20-34%	20-22%
Water absorption	1%	1%	6%	None
Resistance – rot	Excellent	Excellent	Excellent	Excellent
Resistance – ultra violet	Good	Good	Good	Good
Resistance – acids	Very good	Very good	Poor	Good
Resistance – alkalis	Good	Good	Very good	Good
Resistance – petroleum	Good	Good	Good	Good
Standards *Complies with the requirements outlined in*	ANSI Z359.1-1999 ANSI 10.32-2004 CSA Z259.1.2.98 OSHA	ANSI Z359.1-1999 ANSI 10.32-2004 CSA Z259.1.2.98 OSHA	ANSI Z359.1-1999 ANSI 10.32-2004 CSA Z259.1.2.98 OSHA	ANSI 10.32-2004 CSA Z259.1.2.98 OSHA

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Specifications	Kernmantle ⅜ in.	Kernmantle 7⁄16 in.	Kernmantle ½ in.
Codes	K51S9	G70716	G7012
Material	Polyester sheath and heatset nylon core	Polyester sheath and heatset nylon core	Polyester sheath and heatset nylon core
Diameter	⅜ in. (9 mm)	7⁄16 in. (11 mm)	½ in. (12 mm)
Construction	Braided kernmantle	Braided kernmantle	Braided kernmantle
Color	Black and white	Black	Black
Length	600 ft. (182 m) spools	600 ft. (182 m) spools	600 ft. (182 m) spools
Minimum breaking strength	5,700 lbs. (25.4 kN)	7,800 lbs. (34.7 kN)	10,000 lbs. (44.5 kN)
Weight	4.5 lbs./100 ft. (2 kg/30 m)	6.5 lbs./100 ft. (2.9 kg/30 m)	8.2 lbs./100 ft. (3.7 kg/30 m)
Critical melting point	350° F (177° C)	350° F (177° C)	350° F (177° C)
Melting point	480° F (249° C)	480° F (249° C)	480° F (249° C)
Elongation at 900 lbs. (4 kN)	5.9%	5.1%	4.1%
Water absorption	3-5%	3-5%	3-5%
Resistance – rot	Excellent	Excellent	Excellent
Resistance – ultra violet	Excellent	Excellent	Excellent
Resistance – acids	Good	Good	Good
Resistance – alkalis	Good	Good	Good
Resistance – petroleum	Good	Good	Good
Standards *Complies with the requirements outlined in*	ANSI Z359.1-1999 NFPA 1983-01	ANSI Z359.1-1999 CSA Z259.1.2.98 NFPA 1983-01	ANSI Z359.1-1999 CSA Z259.1.2.98 NFPA 1983-01

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