

COATS
signal hd



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Coats® Signal™ HD

Coats Signal HD is a high-tech retro-reflective sewing and embroidery thread for footwear applications. When illuminated by a light source, it helps to enhance the visibility at night-time or in difficult weather conditions and adds that extra special decorative feature.

*Please note Signal HD is primarily for decorative retro reflective applications and is not for safety wear where strict norms for reflectivity values are specified.

Why choose signal HD ?

- High-tech thread that combines the tenacity of a nylon filament cover with a retroreflective core
- Excellent strength and durability
- Bonding technology that safeguards against ply untwisting
- Retains maximum reflectivity after sewing
- The daytime colour is silver and when illuminated by light the reflected colour is white
- Enhanced retro-reflectivity visibility when illuminated by a light source
- OEKO-TEX® STANDARD 100, Product Class II

Main uses:

- Signal HD is intended for use in sewing and embroidery on footwear materials



Coats Signal HD

Product range

Article Ticket	Ticket	Tex	Length	Average Strength cN	Elongation % Min - Max	Recommended Needle Size Metric
SFV5025	25	105	500 M	1,300	13 - 19	90 - 100
SFV5030	30	120	500 M	4,000	10 - 25	100 - 120

SFV5025 is for embroidery only
SFV5030 is for functional sewing

Standard shade

SILVR
Silver



Popular colors

Black

315WY
Neon Pink

316WY
Neon Green



* Signal HD thread combines a dyed Nylon component with silver reflective material. The reflected colour is always white.

Chemical properties

Mineral acids:	Decomposed by strong mineral acids but resistant to weak acids
Alkalies:	Essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at higher temperatures
Organic solvents:	Generally unaffected
Bleaching:	Unaffected, deterioration dependant on conditions
Insects / microorganisms (mildew, rot):	Unaffected
Moisture regain:	Approximately 4.5%
Moisture regain:	0.4%



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