



The TwistFlow Nominal String Wound Filter Cartridge has, due to the advanced technology used in the manufacturing process, an excellent multi-layer depth filtration. The String Wound Cartridge is very versatile and applicable in most filtration requirements. The unique string winding pattern provides true depth filtration, contamination absorption and flow capacity at a wide range of particle size contamination. The TwistFlow is the economical solution in pre filtration, especially when bag filters are not available.

FEATURES

- Multi layers of fine Polypropylene string, precision pattern wound, provide both depth and high performance separation
- Large volume of contaminant volume absorption through the multiple separation layers
- Broad range of contamination particle size separation ability without plugging
- Full Thermal Bonded technology and 100% Polypropylene material providing chemical compatibility for most fluids, solvents and chemicals
- Very economical prefiltration cartridge
- Minimum pressure drop in medium and course size rating

APPLICATIONS

- Waste water
- Process water
- Coatings
- Chemical processing
- Completion fluids
- Produced water
- Pre filtration RO
- Condensate
- Work over fluids
- Gravel pack fluids
- Wellbore clean up fluids
- (Bio) diesel
- Surface water intake
- Frac fluids
- Pipeline flushing

OPTIONAL

- Filter media: Polyester, PP, Cotton, Glass fibre
- Core material: Stainless steel 304
- Outside diameter: 50 -114 mm
- Seal material

Contact

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SPECIFICATIONS NOMINAL WOUND FILTER CARTRIDGE

Design Specifications	
Micron rating	1 - 100 micron
Beta ratio	Nominal rated
Filter media	Polypropylene
Caps media	Polypropylene
Seal material	BUNA
Length	40 inch
Outside diameter	2.5 inch (63mm)
Connection	code 3 (222)
Max. working temperature	80°C (176°F)
Max. differential pressure	5.5 bar @ 25°C (80 psi @ 77°F)
Max. recommend flow	6 m³/hr / 40 inch cartridge (26 GPM)
Recommended differential pressure	3 bar (45 psi)
Construction	Thermally bonded

ORDERING CODE TWISTFLOW

Media	Micron rating	Length	Connection	Core	Seal
DNW= polypropylene	Range 1 -100 micron	10 = 10 inch	3 = Code 3 / Flatcap/ 222	Standard is polypropylene = no code	Standard is NBR = no code
DNWC = cotton		20 = 20 inch	DOE = Double open end	C4 = SS304	V = Viton (FKN)
DNWGF = glassfiber		30 = 30 inch	8 = Code 8 Spearend / 222	C6 = SS316	S = Silicon
DNWPA = nylon		40 = 40 inch			E = EPDM
DNWR = pps		50 = 50 inch			T = Teflon (PTFE)
		70 = 70 inch			
Example: DNWGF10-40-3 is nominal wound glassfibre 10 micron, 40 inch code 3 flatcap /222, polypropylene core and NBR seal DNWPA20-40-8-C4-V is nominal wound 20 micron, 40 inch, code 8 spearend /222, SS304 core, Viton seal					

