

U-Jet

NEW

U-JET TRICOFLEX SEWER CLEANING HOSE DN 25mm WP 250 bar / 3600 PSI

TRICOFLEX



U-JET® SEWER CLEANING HOSE

Tricoflex is innovating...

Tricoflex is one of the European leaders in the manufacture of flexible, low pressure, thermoplastic pipes for industry. Encouraged by its over 60 years of know-how, today, Tricoflex has decided on a new challenge...



... high pressure

Tricoflex has set out to conquer high pressure! We have put all our know-how and R&D efforts into designing a sewer cleaning pipe with and for our users. In this catalogue you can see our first innovation in the field, the U-JET®.

What is sewer cleaning?

Sewer cleaning is used to clean piping by sending high pressure water through it. This tough application requires an easy to use, robust pipe that withstands the abrasion caused by debris; which is one of the benefits of U-JET®.

U-JET®

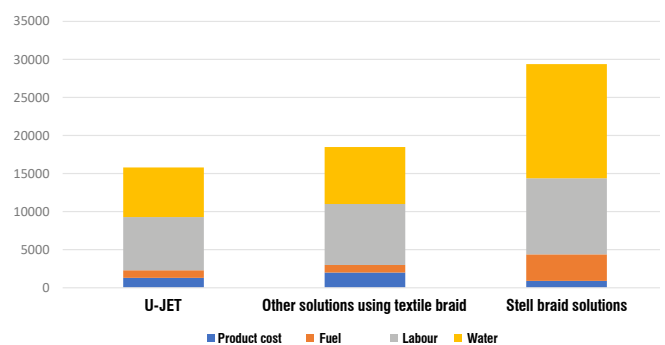
Preview tested by several users, U-JET® has proved its robustness and performance.

Its lightweight and flexible design makes it possible to clean piping of up to 100 metres without difficulty while reducing water and fuel consumption during the work.

Its polyurethane coating combined with its double aramid reinforcement guarantees high abrasion resistance. Tested under the ISO 6945 standard, U-jet® meets current abrasion resistance standards.

A new sewer cleaning solution, U-JET® is easy to use and makes it possible to optimise working time: a saving of 13,000 euros per year compared to a braided steel solution.

Overall cost to clean 300km of sewers



Safety first

U-JET® benefits from all the Tricoflex quality of service: each pipe is subjected to a 375 bars pressure test and is delivered with its certificate.

Complementary products

In this catalogue, you will find the entire Tricoflex line for sewer cleaning: fittings, intake and discharge pipes, water and multi-purpose pipes (SPIRABEL® M.D.S.E PERFORMANCE, SPIRABEL® M.D.S.E PERFORMANCE SOFT in straight lengths, M.D.S.O, STEEL COIL, TRICOFLEX® and TRICOCCLAIR®).

U-JET® SEWER CLEANING HOSE


625
bar

+60
-25
°C



- 1 Matt black polyurethane coating
- 2 Double braided aramid reinforcement
- 3 Black PVC core

Sewer cleaning pipe for high pressure in severe situations.

APPLICATIONS

Emptying and cleaning

SECTORS OF ACTIVITY

Sewer cleaning

Marking

U-JET TRICOFLEX SEWER CLEANING HOSE DN 25mm WP 250 bar / 3600 PSI [Batch number]

ADVANTAGES




U-JET® is an easy to use sewer cleaning pipe. Its lightweight and flexible design make it possible to easily clean piping and optimise the work. Tested under the ISO 6945 standard, U-JET® meets current abrasion resistance standards and has high endurance in difficult environments. Each pipe is accompanied by its 375 bar pressure test certificate to guarantee its safety.

CONNECTORS

The pipes are fitted with male and female BSP fittings. The fittings can be sold separately.

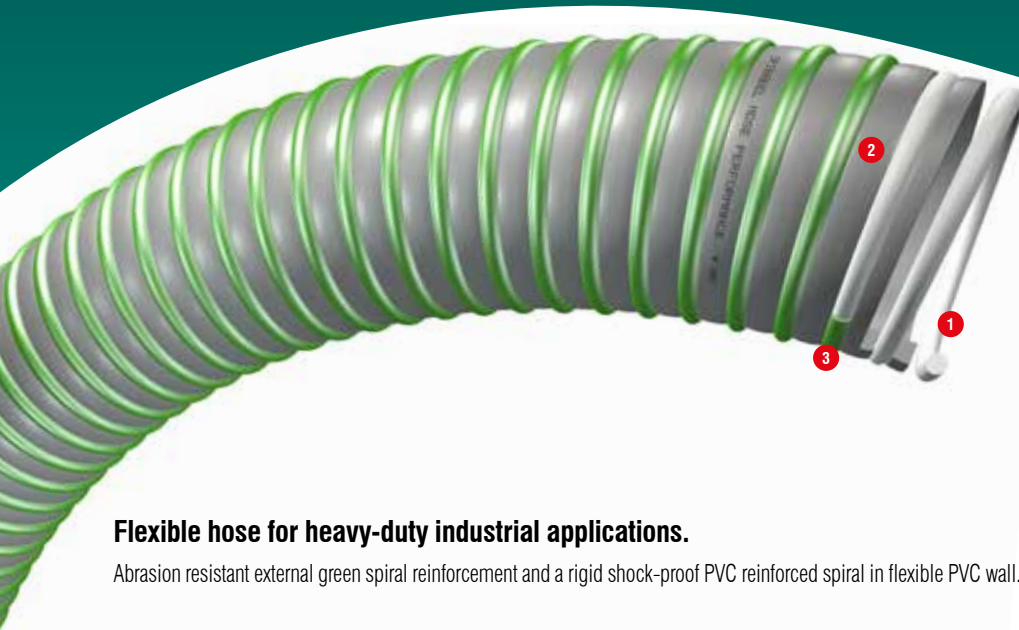
CHEMICAL RESISTANCE

The chemical resistance table is available on www.tricoflex.com, column A for the interior layer and column B for the outer coating.

	\pm		\pm						Black
25	+/- 0.8	38	+/- 1.0	6.25	750	625	250	300	120 m
									153600



SPIRABEL® MDSE PERFORMANCE



- 1 Shock-proof spiral reinforcement
- 2 Flexible PVC wall, grey
- 3 Shock proof green spiral reinforcement

Flexible hose for heavy-duty industrial applications.

Abrasion resistant external green spiral reinforcement and a rigid shock-proof PVC reinforced spiral in flexible PVC wall.

APPLICATIONS

Emptying and draining, equipment for lorries and liquid slurry tanks

SECTORS OF ACTIVITY

General industry, agriculture, road works, civil engineering

Marking

SPIRABEL MDSE PERFORMANCE Ø inn [Batch number]

ADVANTAGES

The SPIRABEL® MDSE PERFORMANCE hose sets a new standard for heavy-duty industrial applications. Light and very flexible even at low temperatures, with excellent abrasion resistance due to its external spiral reinforcement. The smooth interior ensures low flow resistance and avoids the creation of build-up zones. The SPIRABEL® MDSE PERFORMANCE hose is particularly adapted for emptying and draining work.

CONNECTORS

Guillemin or Storz symmetrical connectors, cam or universal joint connectors – Fixings with single-thread or spiral collars (SERFLEX). Crimping and band collars are not recommended as they do not ensure a perfect leak-proof connection and increase the risk of the spiral being crushed and breaking.

CHEMICAL RESISTANCE

See the chemical resistance chart on www.tricoflex.com, column A.

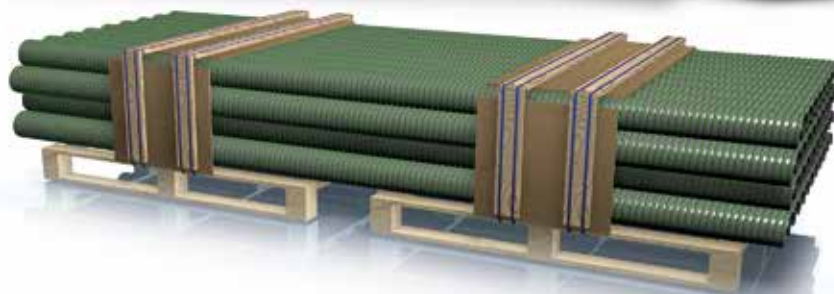
WARNING









For transfer of oil we recommend the use of SPIRABEL® MDSO.

Spiral hoses in general have an elongation under pressure that can be important when temperature is above 40°C. This has to be considered before installation. We remain at your disposal for any question on this issue.

mm	+/- mm	mm	g/m	bar	bar	mbar	mm	Grey		
								20 m	30 m	50 m
76	+/-1.0	5.6	1748	12	4	990	250		166960	
80	+/-1.0	5.7	1851	12	4	990	270		166961	166962
90	+/-1.0	5.5	2250	9	3	990	290		166964	
102	+/-1.0	7.1	2697	9	3	990	320		166963	
120	+/-1.2	7.7	3250	6	2	990	460		166965	
151	+/-1.5	9.5	4950	6	2	990	540	166967		

SPIRABEL® MDSE PERFORMANCE IN STRAIGHT LENGTHS



 mm	 +/- mm	 mm	 g/m	 bar	 bar	 mbar	 m	Number of straight lengths per pallet
70	+/- 1,0	5,2	1350	12	4	990	235	2,80 m 54
80	+/- 1,0	5,6	1600	12	4	990	270	46
102	+/- 1,0	6,9	2500	9	3	990	320	38

SPIRABEL® MDSO



- 1 Shock-proof spiral reinforcement
- 2 Flexible blue PVC wall, oil resistant

Flexible hose for heavy-duty industrial applications.

Rigid shock-proof PVC reinforced spiral in flexible PVC wall.

APPLICATIONS

Applications with exceptionally high flexibility and resistance to hydrocarbons in industry, engineering, construction, water supply and waste water technology, agriculture.

SECTORS OF ACTIVITY

General industry, agriculture, road works, civil engineering

Marking

SPIRABEL MDSO Ø inn [Batch number]

ADVANTAGES

The new generation of suction and delivery hoses with shockproof PVC reinforced spiral for the highest demands on quality and performance. Robust and easy to handle, versatile in use, convincing in its application. The SPIRABEL® MDSO is very flexible and suitable for use at low temperatures down to -25° C.

- Smooth interior and exterior
- Robust construction
- Abrasion resistant
- UV, ozone, weather resistant
- Good chemical resistance
- Application temperature: -25 ° C to + 60 ° C

CONNECTORS

Guillemin or Storz symmetrical connectors, cam or universal joint connectors – Fixings with single-thread or spiral collars (SERFLEX). Crimping and band collars are not recommended as they do not ensure a perfect leak-proof connection and increase the risk of the spiral being crushed and breaking.

CHEMICAL RESISTANCE

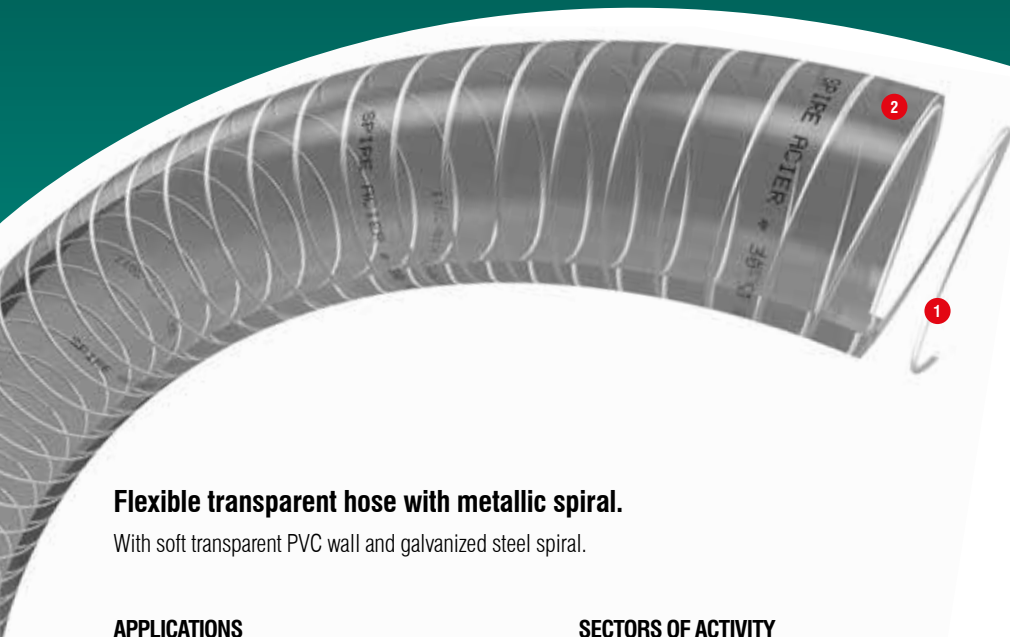
See the chemical resistance chart on www.tricoflex.com, column B.

WARNING

Spiral hoses in general have an elongation under pressure that can be important when temperature is above 40°C. This has to be considered before installation. We remain at your disposal for any question on this issue.

mm	+/- mm	mm	g/m	bar	bar	mbar	mm	Blue						
								10 m	20 m	30 m	40 m	50 m		
25	+/-0.8	4	485	15	5	990	88			176010				
32	+/-0.8	4	585	15	5	990	112			176012				
38	+/-0.8	4	715	15	5	990	133			176014				
40	+/-1.0	4.2	820	15	5	990	135				176016			
51	+/-1.0	4.6	1105	15	5	990	179	176017		176018				
63	+/-1.0	5	1465	12	4	990	221			176020				
76	+/-1.0	5.3	1780	12	4	990	266	176022		176023				
80	+/-1.0	5.5	2069	12	4	990	280				176024	176009		
102	+/-1.0	6.3	2820	9	3	990	357	176025		176026				
152	+/-1.5	7	4820	6	2	990	680		176029					

SPIRE ACIER



- 1 Galvanized steel spiral
- 2 Transparent PVC wall

Flexible transparent hose with metallic spiral.

With soft transparent PVC wall and galvanized steel spiral.

APPLICATIONS

Sewage, suction and delivery of slurry, transfer of chemical products, food products, liquids, powders and dust.

SECTORS OF ACTIVITY

Industry, building

SIMULANTS A, B, C, D1

- fruit juices
- wines
- alcohols
- milk

Marking

SPIRE ACIER ø inn (EU) N° 10/2011 Sim A,B,C,D1 [Batch number]

mm	+/- mm	mm	g/m	bar	bar	mbar	mm	Transparent	
								20 m	30 m
10	+/-0.6	2.75	154	36	12	900	18		135434
12	+/-0.6	2.5	186	34.5	11.5	900	23		135460
14	+/-0.6	3	220	33	11	900	26		135476
16	+/-0.6	3	250	31.5	10.5	900	30		034799
18	+/-0.6	3.5	286	30	10	900	32		135511
20	+/-1.0	3.5	392	30	10	900	34		034902
25	+/-1.0	4	506	28.5	9.5	900	42		034916
30	+/-1.0	4	610	27	9	900	50		034921
32	+/-1.0	4	640	27	9	900	53		190785
35	+/-1.0	4.5	726	24	8	900	58		034934
38	+/-1.0	4	776	22.5	7.5	900	63		190798
40	+/-1.0	5	920	22.5	7.5	900	66		034947
45	+/-1.0	5	1157	19.5	6.5	900	74		034959
50	+/-1.0	5.4	1300	18	6	900	82		034962
60	+/-1.0	6	1735	16.5	5.5	900	130		034991
63	+/-1.0	6	1756	16	5	900	140		034992
70	+/-1.0	6.5	2105	15	5	900	180		034827
76	+/-1.0	6.6	2270	12	4	900	200		034769
80	+/-1.0	6.6	2533	10.5	3.5	900	172	034743	
90	+/-1.0	6.9	2904	9	3	900	192	034756	
102	+/-1.0	7.8	3661	9	3	900	300	190710	034732
110	+/-1.1	7.6	3927	7.5	2.5	900	320	034869	
120	+/-1.2	7.6	4150	6.6	2.2	900	340	034872	
150	+/-1.5	9	6460	6	2	900	450	034975	

ADVANTAGES

Manufactured from high quality soft PVC with a galvanized steel spiral, SPIRE ACIER is highly resistant to vacuum and crushing. The transparent wall is UV resistant and allows easy visual control of the fluid and identification of blockages. The smooth inner wall reduces flow losses and enables easy cleaning. Spire Acier is suitable for food contact applications up to 40°C. Alcohol beverages up to 50% alcohol content can also be conveyed up to 40°C.

CONNECTORS

Guillemín or Storz symmetrical connectors, cam or universal joint connectors - Fixing with singlethread or spiral collars.

Crimping band collars are not recommended as they do not ensure perfect leak-proof connection and increase the risk of the spiral being crushed or breaking.

CHEMICAL RESISTANCE

See the chemical resistance chart on www.tricoflex.com, column A.

WARNING

Spiral hoses in general have an elongation under pressure that can be important when temperature is above 40°C. This has to be considered before installation. We remain at your disposal for any question on this issue.

TRICOCLAIR® AL

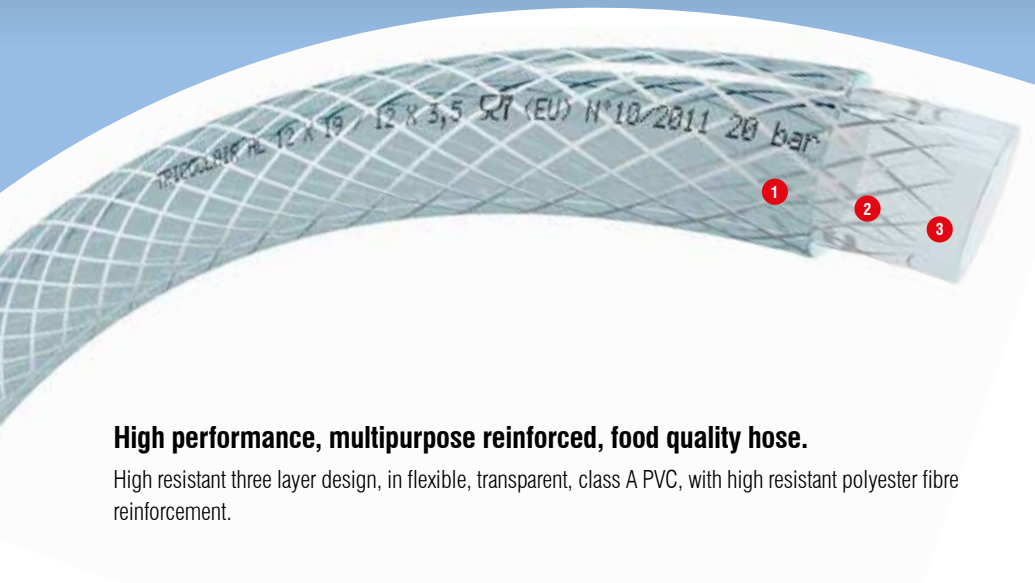
Classic



(EU) N°10/2011



bar



- 1 Class A flexible PVC
- 2 Polyester reinforcement
- 3 Class A flexible PVC

High performance, multipurpose reinforced, food quality hose.

High resistant three layer design, in flexible, transparent, class A PVC, with high resistant polyester fibre reinforcement.

APPLICATIONS

Multipurpose hose suitable for numerous applications: Supplying compressed air for tools and machines, carrying industrial gases, foodstuffs, certain chemical products (industry, medical, laboratories), Supplying water (water treatment)

SERVES ALL SECTORS OF INDUSTRY INCLUDING :

Automotive industry, assembly plants, plastics industry, food production industry, construction, garages (for cars, lorries & agricultural machinery), woodworking, etc.

SIMULANTS A, B, C, D1

- fruit juices
- wines
- alcohols
- milk

Marking

TRICOCLAIR AL Ø inn x Ø out / Ø inn x th. (EU) No 10/2011 [WP] BAR [Batch number]

ADVANTAGES

The unique formula of the materials used in TRICOCLAIR® AL provides it with flexibility, long service life, higher UV resistance and greater transparency. It is suitable for contact with food products and even alcohols up to 50 % by volume can be carried. For its part, the balanced reinforcement provides high pressure resistance with little deformation. Thus, it can withstand long and frequent pressure impulse a pressure cycles.

CONNECTORS

Quick connectors, swaged connectors, barbed or serrated connectors. Band, worm drive, screw or butterfly clamps.

CHEMICAL RESISTANCE

See the chemical resistance chart on www.tricoflex.com, column A.

TRICOCLAIR® AL possesses broad chemical compatibility. Amongst the products compatible under certain temperature and concentration conditions, we mention: certain acids (hydrochloric, acetic, boric, citric, nitric, phosphoric...); certain bases (sodium hydroxide, potassium...); bleach; sea water; salts (certain chlorides, nitrates, sulphates, phosphates, carbonates...).



With presentation disc to Ø 13mm

TRICOCLAIR® AL

Classic

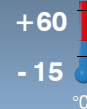


(EU) N°10/2011



28 | 81

bar










+60

-15

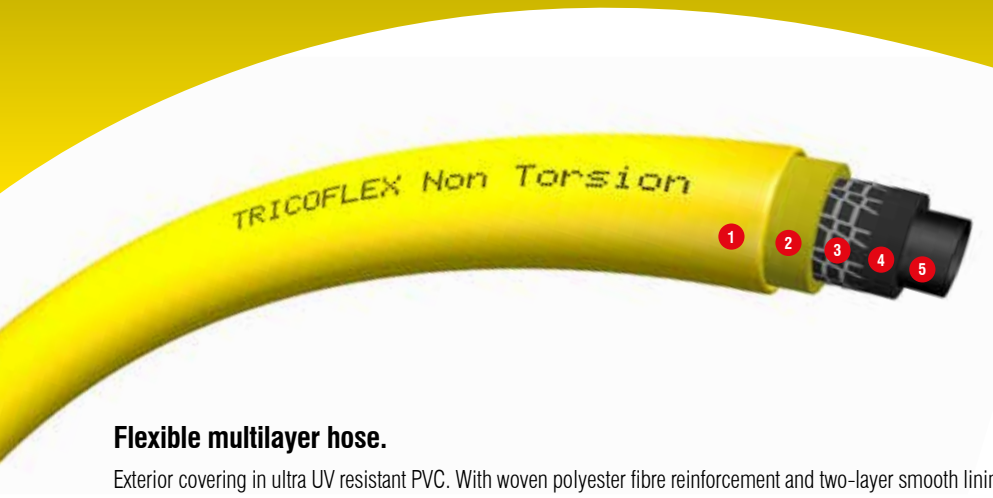
°C



 mm	+/- mm	 mm	+/- mm	 mm	 g/m	 bar	 bar	 mm	Transparent		
									25 m	50 m	100 m
4	+/- 0.2	8	+/- 0.4	2	45	81	27	22		050174	
6	+/- 0.2	12	+/- 0.4	3	102	66	22	36	054281	050400	
6.3	+/- 0.2	11	+/- 0.4	2.35	76	66	22	39	050084		
7	+/- 0.3	13	+/- 0.5	3	108	63	21	46	050095		
8	+/- 0.3	14	+/- 0.5	3	124	60	20	54	050106	050196	
9	+/- 0.3	15	+/- 0.5	3	135	60	20	66	054966	054955	
10	+/- 0.4	16	+/- 0.6	3	146	60	20	74	050117	050207	049960
12	+/- 0.5	19	+/- 0.6	3.5	204	60	20	90	050128	050218	
13	+/- 0.5	20	+/- 0.7	3.5	218	60	20	101	050695	050264	
15	+/- 0.5	23	+/- 0.7	4	291	60	20	120	050130	050310	103572
19	+/- 0.6	27	+/- 0.8	4	346	60	20	157	050289	050276	050277
20	+/- 0.6	28	+/- 0.8	4	361	60	20	170	050141	054270	
25	+/- 0.7	34	+/- 0.9	4.5	500	48	16	219	050466	050455	
25	+/- 0.7	36	+/- 0.9	5.5	631	52	17	225	050152	054145	
30	+/- 0.8	41	+/- 1.0	5.5	748	40	13	277	050163	050253	
32	+/- 0.8	42	+/- 1.0	5	697	36	12	320	050490	050488	
38	+/- 1.0	48	+/- 1.2	5	810	36	12	420	054933	054156	
40	+/- 1.0	52	+/- 1.2	6	1040	32	10	460	050365		
50	+/- 1.0	64	+/- 1.2	7	1467	28	9	600	050376		

TRICOFLEX®

Classic



- 1 Yellow or green PVC covering
- 2 Intermediate layer of flexible PVC yellow
- 3 Textile knitted reinforcement TNT
- 4 Intermediate layer of soft black PVC
- 5 Smooth black inner tube

Flexible multilayer hose.

Exterior covering in ultra UV resistant PVC. With woven polyester fibre reinforcement and two-layer smooth lining.

APPLICATIONS

Watering, irrigation, water supply and delivery

SECTORS OF ACTIVITY

Farms, vegetable growers, horticulture, water supply and delivery in industry, construction sites and road works

Marking

TRICOFLEX Soft & Flex Technology Tricoflex Non Torsion Made in France [Batch number]

ADVANTAGES

The multi-layer design, made of an exclusive woven fibre and a double core layer, ensures that TRICOFLEX® is highly flexible for easy handling, with excellent resistance to repeated bending, crushing and pulling as well as minor deformation under pressure.

In addition, the lining is extremely smooth, thereby maintaining even flow. Especially thick and made of high quality materials, TRICOFLEX® offers remarkable aging resistance with exceptional preservation of flexibility. Its exterior yellow PVC covering gives it good protection against abrasion and UV.

CONNECTORS

Connectors with band, screw or 'O' type clamps. Automatic connectors for watering.

CHEMICAL RESISTANCE

See table pages 102 to 105 column A.



mm	mm	mm	bar	bar	mm	Yellow			Green	
						25 m	50 m	100 m	25 m	50 m
12.5	17.6	2.55	25	10	125	117135	117151	117016		
15	20.5	2.75	25	10	135	116861	116874	054426	117045	117051
19	25.3	3.15	23	9	180	116887	051546	054437	142916	051570
25	32.3	3.65	20	8	240	048273	048374	048363	048284	048385
30	39	4.5	20	8	300	048508	048510	048497		
35	45	5	20	8	350	048565	048554	048587		
40	51	5.5	20	8	400	048442	048453	048655		
50	63	6.5	20	8	500	048306	048341			

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