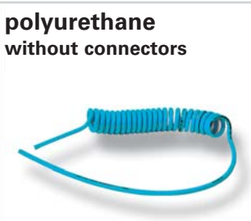
technical tubes and hoses

Nylon tubing

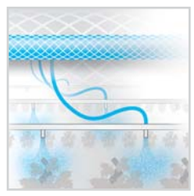
	advantages	applications	connections
semi-rigid	- large range of working temperatures and pressures - good chemical resistance - 7 colours - 3 mm to 16 mm tube o.d. in 25 m rolls: **1025P** in 100 m rolls: **1100P**	- pneumatic systems	LF3000®, LF3600, LF3800 **push-in fittings** brass and stainless steel- **compression fittings*** adaptors
multitube **semi-rigid/PVC sheath**	- small bend radius - 6 colours, 2 to 12 tubes in 50 m rolls: **1050P** in 10 m rolls: **1010P**	- pneumatic circuits submitted to external aggression	multi-connector
rigid	- 1 colour - close tolerance, 4 mm to 10 mm tube o.d. in 25 m rolls: **1025L**	- centralised lubrication circuits	**push-in fittings** for centralised lubrication

* ferrules are necessary

Recoil tubing

	advantages	applications	connections
nylon **wih 1/4" BSP taper fitting**	- the coil will continue to contract after multiple use - fitted with protection springs - 2 colours - 6 mm and 8 mm o.d. service length 2 m: **1470P** service length 4 m: **1471P** service length 6 m: **1472P**	- pneumatic equipment	C 9000 and metal **quick acting couplers** **Blowguns**
polyurethane **wih 1/4" BSP taper fitting**	- the coil will continue to contract after multiple use - high flexibility - fitted with protection springs - 3 colours - 4 mm to 12 mm o.d. service length 2 m: **1470U** service length 4 m: **1471U** service length 6 m: **1472U**		C 9000 and metal **quick acting couplers** **Blowguns**
polyurethane **without connectors** 	- suited to reduced spaces - 1 colour - 8 mm to 12 mm tube o.d. service length 2 m: **1460U** service length 4 m: **1461U** service length 6 m: **1462U**		push-in fittings with protection springs C 9000 **quick acting couplers**

Braided PVC hose

	advantages	applications	connections
	- translucent for visual checking of fluid - food quality - 8 mm to 26 mm tube o.d. in 25 m rolls: **1025V** in 50 m rolls: **1050V**	- suitable for use with food and industrial fluids 	adaptors C 9000 and metal **quick acting couplerss**

Self-fastening hose

	advantages	applications	connections
	- excellent resistance to hydracarbons, UV, welding sparks and abrasion - simplicity of installation - 4 colours, DN 6 to 20 in 20 m rolls: **1020H** in 40 m rolls: **1040H** in 80 m rolls: **1080H** in 100 m rolls: **1100H**	-automotive process equipment - cooling circuits - pneumatic installations	**quick-acting barbed fittings** 0132, 0133 and 0134

packaging - Legris tubes and hoses

Tubepack®, for easy storage
- for nylon, polyurethane, FEP 140 and polyethylene tubing

Drum, 100 m long, for easy handling
- for polyurethane tubing

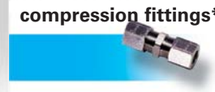
Drum, up to 1 000 m long, for optimized handling
- for nylon, polyurethane and FEP 140 tubing

Polyurethane tubing

	advantages	applications	connections
	- large range of working temperatures and pressures - high flexibility		LF3000®, LF3600, LF3800 **push-in fittings*** brass and stainless steel **compression fittings*** adaptors
polyester	- good chemical resistance - good ageing - 6 colours - close tolerance, 3 mm to 14 mm tube o.d. in 25 m rolls: **1025U** in 100 m rolls: **1100U**	- pneumatic systems	
polyether	- good resistance to humidity and bacteriological agression - 3 colours - close tolerance, 4 mm to 14 mm tube o.d. in 25 m rolls: **1025U...R** in 100 m rolls: **1100U...R**		
twin tubing	- compact cabling - single or two-coloured (black/blue) - 4 mm to 8 mm tube o.d. in 25 m rolls: **1420U**		
anti-static	- prevents accumulation of electrostatic charges - close tolerance, 3 mm to 12 mm tube o.d. in 100 m rolls: **1100U...A**	- electronic environments	

* ferrules are necessary

Fluoropolymer FEP 140 tube

	advantages	applications	connections
	- excellent resistance to chemicals and high temperature - food quality - close tolerance, 4 mm to 12 mm tube o.d. in 5 m rolls: **1005T** in 25 m rolls: **1025T**	- food and industrial applications	LF3600, LF3800 **push-in fittings*** stainless steel **compression fittings*** 

* ferrules are necessary

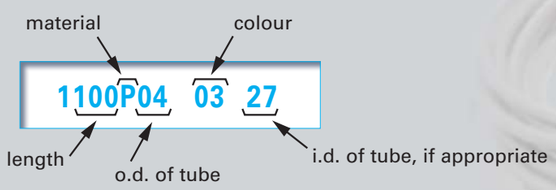
Polyethylene

	advantages	applications	connections
	- resistance to chemicals - food quality - economical solution - close tolerance, from 1/8" to 1/2" and 4 mm to 14 mm tube o.d. in 5 m rolls: **1025Y** in 25 m rolls: **1100Y**	- food and industrial applications	LF3600 **push-in fittings**

Anti-spark tubing

	advantages	applications	connections
	- conforms to UL94 VO standard - excellent resistance to spark projections	- installations submitted to aggressive environments and spark projections	
anti-spark nylon tubing	- resistant to high pressure - from 6 mm to 12 mm tube o.d. in 25 m rolls: **1025P...V** in 100 m rolls: **1100P...V**		LF6000 **push-in fittings**
anti-spark polyurethane tubing	- resistant to high pressure - from 6 mm to 12 mm tube o.d. in 25 m rolls: **1025U...V** in 100 m rolls: **1100U...V**		LF6000 **push-in fittings**
anti-spark single layer polyurethane tubing	- excellent humidity resistance - from 4 mm to 12 mm tube o.d. in 25 m rolls: **1025U...K** in 100 m rolls: **1100U...K**		LF3600 **push-in fittings**

Product codes of Legris tubes and hoses



tube o.d.: corresponds to the outside diameter of the tube
tube i.d.: 27 = 2,7 mm

colour code:

00 =	03 =	06 =
01 =	04 =	07 =
02 =	05 =	08 = CRYSTAL

material code:
P= nylon
T= FEP 140
U= polyurethane
V= PVC
Y= polyethylene