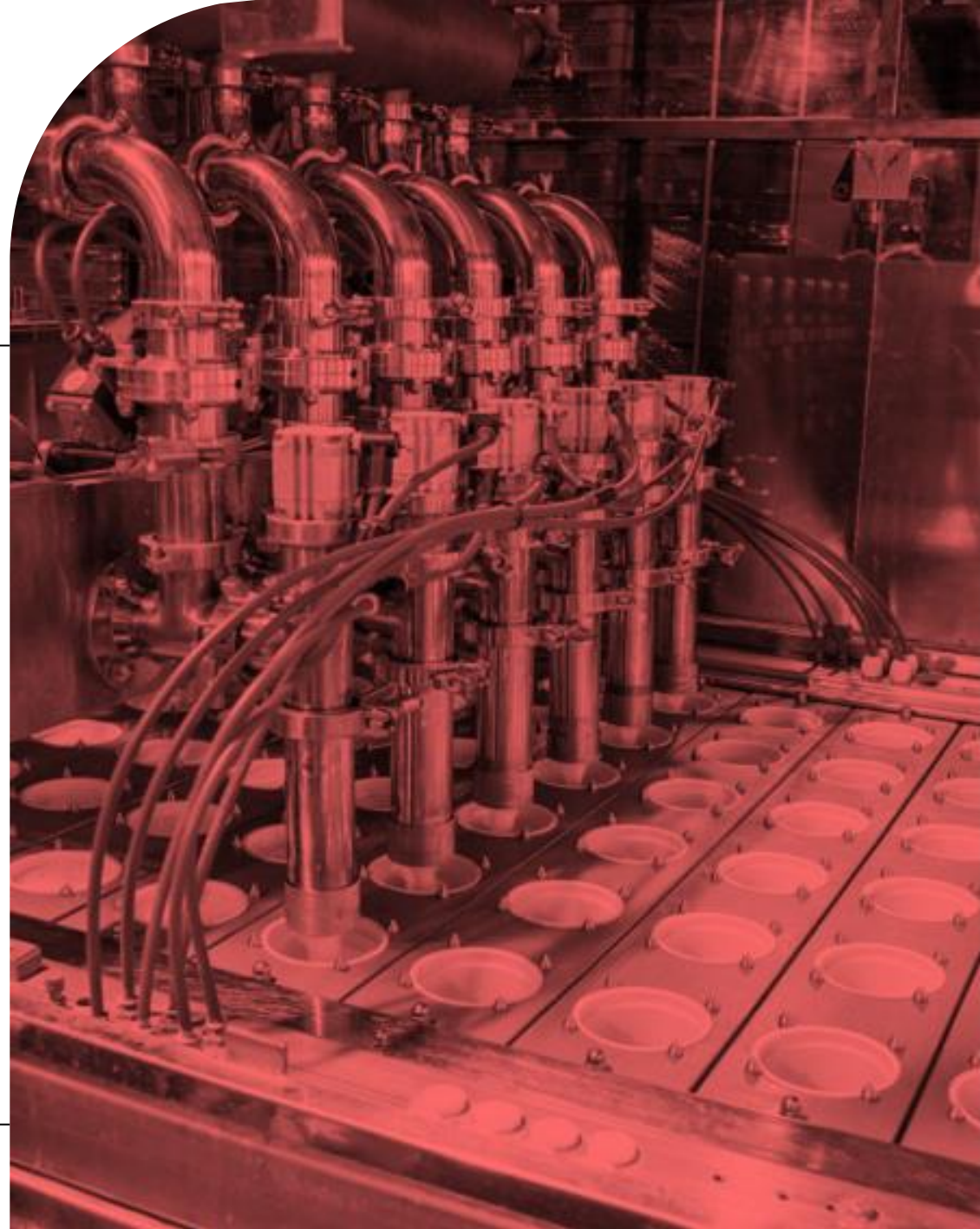




High performance Bio-based PA11 Tubing



The story of polyamide 11 chemistry



Food Quality Industrial Nylon Tubing made from 98% bio-based materials and a more sustainable material source. Ideally suited for applications such as food production lines, pneumatics as well as fuel and lubrication applications.

High burst pressures and suited for a wide temperature range to be able to cope with challenging applications.

Key Features:

- Made from bio-based materials that are more sustainable compared to conventional materials.
- PA11 has a much lower carbon footprint, achieving an 80% reduction in carbon emissions compared to PA12.
- Fully food contact approved to EU10/2011 standards.
- High burst pressures for demanding applications.
- Wide operating temperature range.
- Manufactured in accordance with BS 5409, DIN 73378, DIN 74324 and ISO 7628.
- REACH and RoHS3 compliant.
- Silicone free.
- Excellent abrasion resistance.
- Resistance to a wide range of chemicals.

1. Impact modified PA11



Applications:

- Food production lines
- Pneumatics.
- Air Brake, fuel and lubrication applications.

Materials:

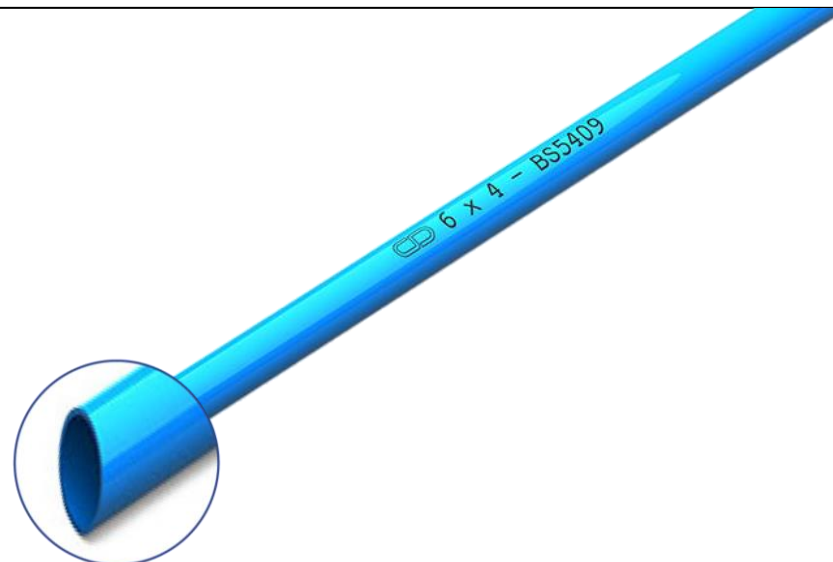
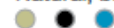
- Nylon (Polyamide) PA11
- Temperature range -40°C to +70°C

Sizes:

Available in 30m coils
4mm-12mm OD

Colours:

Natural, black, blue



RS Part Number	Colour	Series	Description	OD (mm)	TOL (mm)	ID (mm)	TOL (mm)	Length (m)	Max WP (Bar)	Min BP (Bar)	Weight per Metre (Kg)	Bend Radius (mm)
TBC	NATURAL	PA11	4 x 2.5 PA11 Flex Nylon	4	+ 0.05 / - 0.07	2.5	±0.1	30	26	104	0.008	25
TBC	BLACK	PA11	4 x 2.5 PA11 Flex Nylon	4	+ 0.05 / - 0.07	2.5	±0.1	30	26	104	0.008	25
TBC	BLUE	PA11	4 x 2.5 PA11 Flex Nylon	4	+ 0.05 / - 0.07	2.5	±0.1	30	26	104	0.008	25
TBC	NATURAL	PA11	6 x 4 PA11 Flex Nylon	6	+ 0.05 / - 0.10	4	±0.1	30	24	96	0.017	35
TBC	BLACK	PA11	6 x 4 PA11 Flex Nylon	6	+ 0.05 / - 0.10	4	±0.1	30	24	96	0.017	35
TBC	BLUE	PA11	6 x 4 PA11 Flex Nylon	6	+ 0.05 / - 0.10	4	±0.1	30	24	96	0.017	35
TBC	NATURAL	PA11	8 x 6 PA11 Flex Nylon	8	+ 0.05 / - 0.10	6	± 0.10	30	14	56	0.023	45
TBC	BLACK	PA11	8 x 6 PA11 Flex Nylon	8	+ 0.05 / - 0.10	6	± 0.10	30	14	56	0.023	45
TBC	BLUE	PA11	8 x 6 PA11 Flex Nylon	8	+ 0.05 / - 0.10	6	± 0.10	30	14	56	0.023	45
TBC	NATURAL	PA11	10 x 7.5 PA11 Flex Nylon	10	+ 0.05 / - 0.10	7.5	± 0.10	30	22	88	0.036	60
TBC	BLACK	PA11	10 x 7.5 PA11 Flex Nylon	10	+ 0.05 / - 0.10	7.5	± 0.10	30	22	88	0.036	60
TBC	BLUE	PA11	10 x 7.5 PA11 Flex Nylon	10	+ 0.05 / - 0.10	7.5	± 0.10	30	22	88	0.036	60
TBC	NATURAL	PA11	12 x 9.5 PA11 Flex Nylon	12	+ 0.05 / - 0.10	9.5	± 0.10	30	14	56	0.047	70
TBC	BLACK	PA11	12 x 9.5 PA11 Flex Nylon	12	+ 0.05 / - 0.10	9.5	± 0.10	30	14	56	0.047	70
TBC	BLUE	PA11	12 x 9.5 PA11 Flex Nylon	12	+ 0.05 / - 0.10	9.5	± 0.10	30	14	56	0.047	70

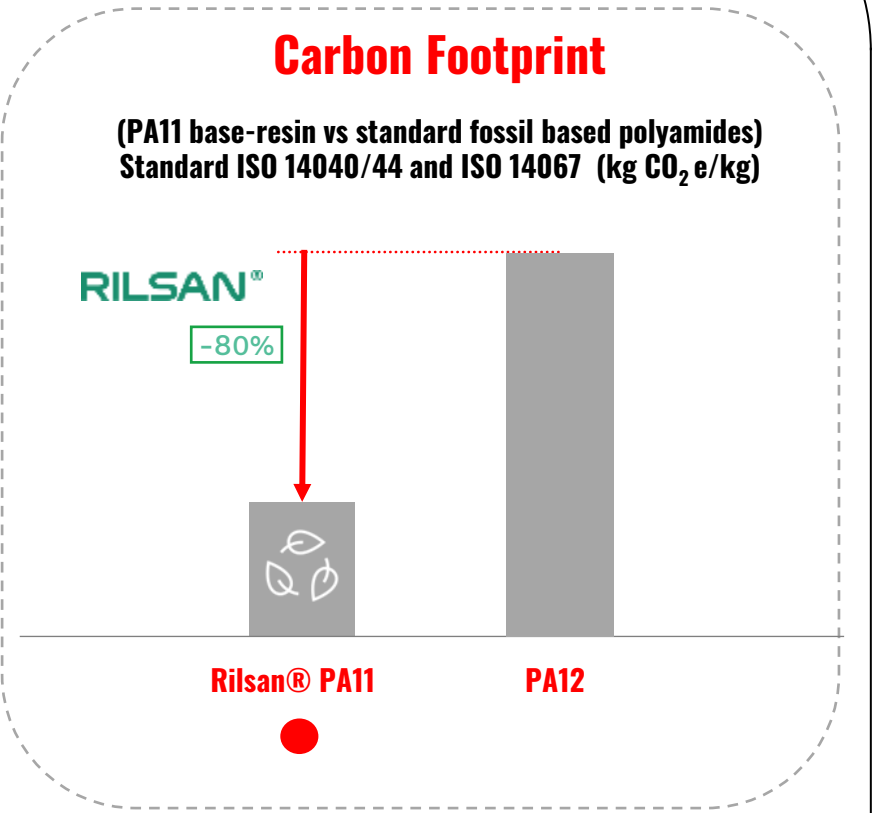
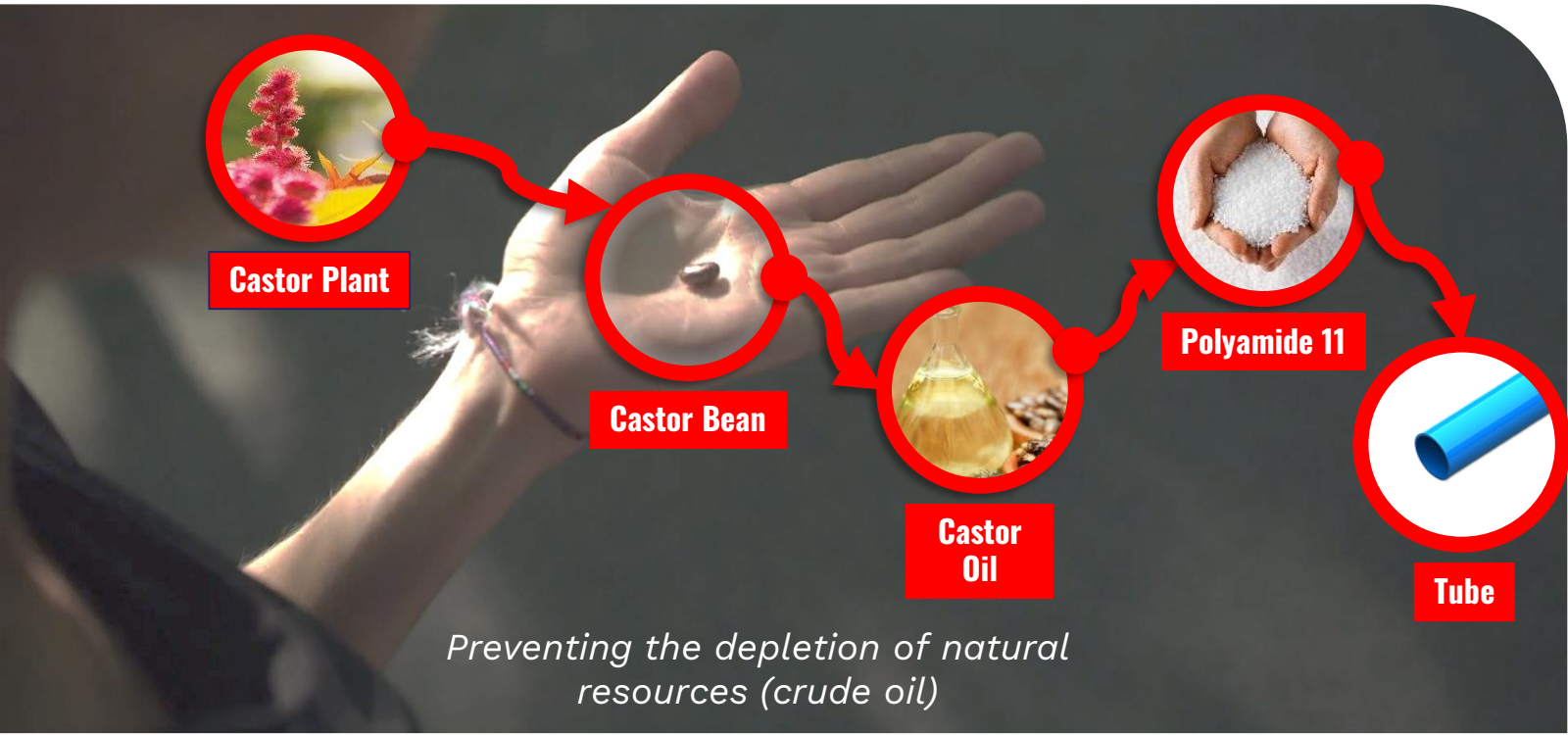
¹ Sources: Better World (Rilsan® PA11, PA12) and Plastics Europe (PA6.6, PA6)

² Better World also participates in driving the Pragati sustainable farming initiative which teaches efficient targeted irrigation methods

Climate Change Impact Reduction and Other LCA Benefits



From castor bean to advanced polymers – A miracle of science



Model for fossil Materials based on use of traditional Energy Sources