



STAP  
Narrow fabrics manufacturing



## Introduction

**At present time belongs our company within 230 employees among the biggest narrow fabrics manufacturers in Europe. We are producing on modern looms Jakob Müller in 2 subsidiaries – in Vilemov, where is also headquarters and in Velky Senov. The total capacity of a production is over 200 mil. meters per year.**

Our company STAP is certified by the company CQS according to the ISO 9001:2001 and ISO 14001 standards. In the quality management system, the process approach is applied, being the one of the basic principles of these standards. All processes focus on increasing the satisfaction of customers by fulfilling their demands. Presently, the requirements of the ISO/TS 16949 standard is being incorporated into the processes, with the aim to obtain both these certifications.



Our clients are companies in automotive industry, electric engineering, military, health care industry, haberdasheries, garment and shoe-making industries. Nowadays, it is one of the last companies in Europe manufacturing Jacquard ribbons, intended in particular for folk costumes or other decorative purposes. We are exporting the products around whole Europe, USA, Japan, Australia and Russia.

## History

**The art of Czech weavers excelled in particular in a special branch of the textile industry, in the weaving of ribbons and narrow textile materials. This weaving craft prospered most in the northern border regions of Czech lands, where the original generations of experienced German and Czech weavers cooperated naturally.**

In this period – the 1920s and 1930s – the large companies began to gradually emerge thanks to the amalgamation of small private workshops. The basic production program of that time consisted of traditional elements of the popular culture in the form of Jacquard decorative ribbons. This production program was gradually broadened by a wide range of plain and gift wrapping ribbons, including webbings and braids. This structure of the production lasted in the essence until the period about 1948, when the STAP company came into existence by the merger of several independent entities.





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Advantage of our company is not only a wide range of products, but thanks to a modern machinery also a special finishing (for example fire retardant, water repellent, soil repellent, antibacterial, mildew proof, non-abrasive, IR remission) and strap assemblies (cut pieces, sewing, punching (fastening sets, harnesses, head gears, leads etc.))

### Our production:

Chain zippers



Elastic tapes



Plain tapes



Webbings



Insulation tapes



Hook and loop



Decorative ribbons



Labels and badges



Gift ribbons



Strings, Cords



## Chain zippers and zipper tapes



The spiral is produced in the widths of 4, 6 and 8 mm (WS 0, WS 10 and WS 20) and it is formed by polyester or polyamide material. The supporting part of the fastener is made of polyester, polyamide or cotton. The type WS 0 is indivisible only, WS 10 and WS 20 both indivisible and divisible. The offer includes a wide range of slides (varnished, metallized, with arrest or without it, one-sided or double-sided). The slide fasteners are produced in about 120 basic colours.

The slide fasteners can also be delivered in the form of an endless band, eventually, in various states of finishing (without mounted slide, without end pieces). The slide fasteners are employed in the garment, boot-and-shoe and automotive industries, and also in the production of mattresses, tents etc.

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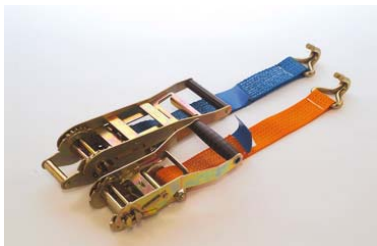


## Strings, cords and shoe laces



Entwined products of circular cross-section, of the diameters from one to ten millimetres. They are made of cotton, polyester, polyamide a polypropylene; it is also possible to entwine reflex tapes of the width 0,5 ? 4,0 mm. They are delivered both one-coloured and multicoloured. Special finishes can be applied ? water repellent, antistatic, antibacterial, mildew proof etc. They are employed in haberdashery, garment, boot-and shoe and automotive industries. Special fibres enable to employ the cords in the products for army purposes.

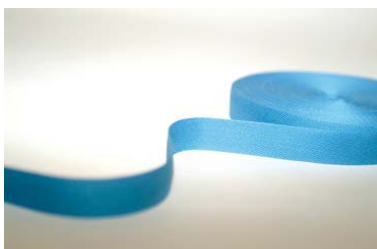
## Webbings and straps



They are produced in a wide range of widths and thicknesses, of the most varied materials and their combinations – cotton, linen, jute, polyamide, polypropylene, polyester, aramid yarns (Technora®), high-pressure polyethylene (Dyneema®), reflex tapes, special fibres with a low value of IR reflection. The webbings can be one-coloured, with stripes, with simple patterns and inscriptions, and the following finishes can be applied: fire retardant, water repellent, soil repellent, antibacterial, mildew proof, non-abrasive etc. The webbings can be adjusted by shearing, cutting, sewing, punching (fastening sets, harnesses, head gears, leads etc.)

They can be used as waist straps, driving, drawing, carrying and fastening belts, automobile belts, parachute risers, wicker goods, for lamination, rubber-coating etc. In order to choose an adequate design of the webbing and the type of the fibre, it is necessary to know as much as possible about the way in which the product will be employed.

## Herringbone tapes, plain tapes



As a rule, single layer types of bands in basic weaves – plain, twill, rib, sateen weaves. They use to be one-coloured or colour-woven of coloured yarns. They are produced in a large number of widths and thicknesses, of the most varied materials and their combinations – cotton, linen, jute, polyamide, polypropylene, polyester, reflex tapes, special fibres with a low value of IR reflection. The following finishes can be applied: fire retardant, water repellent, soil repellent, antibacterial, mildew proof, non-abrasive etc.

They can be employed as garment and underwear welts, shoe welts, waist bands, tag bands, protecting bands, hat bands, carpet joint tapes, marking bands etc.

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## Woven insulation tapes



They are woven in plain and twill weaves, and one or both the selvages can be reinforced – the so-called hems. They are produced in the widths of 10 – 60 mm and thicknesses from 0,08 up to 0,50 mm. In addition to their thickness, the most important factor is the class of thermal resistance, determined by the employed material. The insulating tapes are made of polyester and glass fibres, less often of cotton. Recently, special quartz and aramid fibres are employed. The insulating tapes serve for electric engineering purposes and heat insulation.

## Hook and loop fasteners



The complete set consists of loop and hook tapes, and polyamide material is employed exclusively. The basic colour chart consists of 26 colours. In addition to the basic execution, they are produced in various modifications – with fire retardant, soil repellent, antibacterial and water repellent finishes. On the reverse side of the hook and loop fasteners, various self-adhesive layers can be glued. The loop tape can be combined with a mushroom tape, formed by a combination of polyamide and polypropylene fibres. The hook and loop fasteners are employed in garment and boot-and shoe industries, as well as in the industry of textile and leather haberdashery. The

fire retardant hook and loop fasteners are employed in the automotive industry and for the manufacture of overalls for the work under extreme conditions.

## Elastic tapes



In the majority, they are made of polyester fibres in combination with plain rubber threads, one-coloured or with simple patterns. The elastic tapes made of special fibres are fire retardant, and therefore, they are suitable for the automotive industry and for the manufacture of overalls. The offer includes elastic tapes for underwear, garment and boot-and shoe industries, bordering, braces, waist-bands etc.



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## Woven labels and badges



These are tapes with woven-in information for the customer. They carry data on the manufacturer, the material composition, the ways how to treat the product and the size of the garment. However, they can also fulfil publicity, adorning and safety functions. As a rule, the labels combine polyester with plastic metal fibres and reflective elements. They are woven in 2 – 8 colours.

The labels can be supplied in yardage or in pieces with sealed selvedge, plied selvedge, furthermore, plied centrally or so as to form a tab.

The labels can also be manufactured in the form of a zipper puller or a lanyards, with a self-adhesive layer glued below, or backed and seamed to form a badge.

## Jacquard ribbons, decorative ribbons, Aida ribbons



Ribbons intended originally for the adornment of folk costumes. They are produced in the widths from 10 to 100 mm, in one-coloured or multicoloured execution. The classical materials are cotton with viscose and plastic metal fibres; recently, polyester fibres are employed as well. Nowadays, they serve also for the decoration of common clothing, underwear, household textiles, toys and souvenirs.

This product group also includes the ribbons intended for embroidery. As a rule, these are cotton ribbons in canvas weave. They are manufactured

in white colour or in light shades. Usually, the ribbons are completely plain, or at the most, with selvages decorated with simple patterns or even inscriptions. They serve for the adornment of e.g. table cloths, spreads and light furnishing fabrics.

## Gift wrapping ribbons



There exist Christmas ribbons, Easter ribbons and ribbons of universal use. They are manufactured by weaving or by cutting from wide woven fabrics. The offered game is very large, including plain tapes, tapes with simple and intricate patterns, one-coloured ones and colour woven ones.

The employed materials are viscose and polyester; in order to accentuate the selvages or the pattern, plastic metal fibres are often employed, simulating a metallic appearance. In order to allow for a good shaping of the ribbon, products with soft metal wire woven-in in both the selvages are supplied as well. The gift wrapping ribbons are employed for decorative

purposes – for bunching of flowers, decoration of gifts, arrangement of wreaths etc.

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