## Chapter 54 Man-Made Filaments; Strip and The Like of Man-Made Textile Materials

### Chapter Notes

1. Throughout the nomenclature, the term 'man-made fibres' means staple fibres and filaments of organic polymers produced by manufacturing processes, either:

(a) by polymerisation of organic monomers, to produce polymers such as polyamides, polyesters polyolefins or, polyurethanes, or by chemical modification of polymers produced by this process (for example, poly (vinyl alcohol) prepared by the hydrolysis of poly (vinyl acetate); or

(b) by dissolution or chemical treatment of natural organic polymers (for example, cellulose) to produce polymers such as cuprammonium rayan (cupro) or viscose rayan, or by chemical modification of natural organic polymers (for example, cellulose, casein, and other proteins or alginic acid) to produce polymers such as cellulose acetate or alginates.

The terms 'synthetic' and 'artificial', used in relation to fibres, mean: synthetic: fibres as defined at (a); artificial: fibres as defined at (b). Strip and the like of heading 5404 or 5405 are not considered to be man-made fibres.

The terms 'man-made', 'synthetic' and 'artificial' shall have the same meanings when used in relation to 'textile materials'.

2. Headings 5402 and 5403 do not apply to synthetic or artificial filament tow of Chapter 55.

| Classification | Description |
| --- | --- |
| **5400** | **MAN-MADE FILAMENTS; STRIP AND THE LIKE OF MAN-MADE TEXTILE MATERIALS** |
| **5401** | **Sewing thread of man-made filaments, whether or not put up for retail sale** |
| **5401 10** | **- Of synthetic filaments** |
|  | - - Not put up for retail sale |
|  | - - - Core yarn |
| **5401 10 12 00** | - - - - Polyester filament surrounded by cotton fibres |
| **5401 10 14 00** | - - - - Other |
|  | - - - Other |
| **5401 10 16 00** | - - - - Textured yarn |
| **5401 10 18 00** | - - - - Other |
| **5401 10 90 00** | - - Put up for retail sale |
| **5401 20** | **- Of artificial filaments** |
| **5401 20 10 00** | - - Not put up for retail sale |
| **5401 20 90 00** | - - Put up for retail sale |
| **5402** | **Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex** |
|  | **- High tenacity yarn of nylon or other polyamides, whether or not textured** |
| **5402 11 00 00** | - - Of aramids |
| **5402 19 00 00** | - - Other |
| **5402 20** | **- High tenacity yarn of polyesters, whether or not textured** |
| **5402 20 00 05** | - - "Z"-twisted multiple (folded) or cabled yarn, intended for the production of sewing threads, ready for dyeing and for receiving a finishing treatment, loosely wound on a plastic perforated tube |
| **5402 20 00 10** | - - Other |
|  | **- Textured yarn** |
| **5402 31 00 00** | - - Of nylon or other polyamides, measuring per single yarn not more than 50 tex |
| **5402 32 00 00** | - - Of nylon or other polyamides, measuring per single yarn more than 50 tex |
| **5402 33 00 00** | - - Of polyesters |
| **5402 34 00 00** | - - Of polypropylene |
| **5402 39 00 00** | - - Other |
|  | **- Other yarn, single, untwisted or with a twist not exceeding 50 turns per metre** |
| **5402 44 00 00** | - - Elastomeric |
| **5402 45 00 00** | - - Other, of nylon or other polyamides |
| **5402 46 00 00** | - - Other, of polyesters, partially oriented |
| **5402 47** | - - Other, of polyesters |
| **5402 47 00 20** | - - - Bicomponent monofilament yarn of not more than 30 dtex, consisting of: - a polyethylene terephthalate core, and - an outer layer of a copolymer of polyethylene terephthalate and polyethylene isophthalate, for use in the manufacture of filtration fabrics |
| **5402 47 00 90** | - - - Other |
| **5402 48 00 00** | - - Other, of polypropylene |
| **5402 49** | - - Other |
| **5402 49 00 30** | - - - Yarn of a copolymer of glycollic acid with lactic acid, for the manufacture of surgical sutures |
| **5402 49 00 50** | - - - Non-textured filament yarn of poly(vinyl alcohol) |
| **5402 49 00 70** | - - - Synthetic filament yarn, single, containing by weight 85% or more of acrylonitrile, in the form of a wick containing 1 000 continuous filaments or more but not more than 25 000 continuous filaments, of a weight per metre of 0.12 g or more but not more than 3.75 g and of a length of 100 m or more, for the manufacture of carbon-fibre yarn |
| **5402 49 00 90** | - - - Other |
|  | **- Other yarn, single, with a twist exceeding 50 turns per metre** |
| **5402 51 00 00** | - - Of nylon or other polyamides |
| **5402 52 00 00** | - - Of polyesters |
| **5402 53 00 00** | - - Of polypropylene |
| **5402 59 00 00** | - - Other |
|  | **- Other yarn, multiple (folded) or cabled** |
| **5402 61 00 00** | - - Of nylon or other polyamides |
| **5402 62 00 00** | - - Of polyesters |
| **5402 63 00 00** | - - Of polypropylene |
| **5402 69 00 00** | - - Other |
| **5403** | **Artificial filament yarn (other than sewing thread), not put up for retail sale, including artificial monofilament of less than 67 decitex** |
| **5403 10 00 00** | **- High-tenacity yarn of viscose rayon** |
|  | **- Other yarn, single** |
| **5403 31 00 00** | - - Of viscose rayon, untwisted or with a twist not exceeding 120 turns per metre |
| **5403 32** | - - Of viscose rayon, with a twist exceeding 120 turns per metre |
|  | - - - With a twist not exceeding 250 turns per metre |
| **5403 32 00 11** | - - - - Textured yarn |
| **5403 32 00 19** | - - - - Other |
| **5403 32 00 90** | - - - Other |
| **5403 33** | - - Of cellulose acetate |
|  | - - - Single, untwisted or with a twist not exceeding 250 turns per metre |
| **5403 33 00 11** | - - - - Textured yarn |
| **5403 33 00 19** | - - - - Other |
| **5403 33 00 90** | - - - Other |
| **5403 39** | - - Other |
| **5403 39 00 10** | - - - Biodegradable (norm EN 14995) monofilament of not more than 33 dtex, containing at least 98% by weight polylactide (PLA), for use in the manufacture of filtration fabrics for the food industry |
| **5403 39 00 90** | - - - Other |
|  | **- Other yarn, multiple (folded) or cabled** |
| **5403 41 00 00** | - - Of viscose rayon |
| **5403 42 00 00** | - - Of cellulose acetate |
| **5403 49 00 00** | - - Other |
| **5404** | **Synthetic monofilament of 67 decitex or more and of which no cross-sectional dimension exceeds 1 mm; strip and the like (for example, artificial straw), of synthetic textile materials, of an apparent width not exceeding 5 mm** |
|  | **- Monofilament** |
| **5404 11 00 00** | - - Elastomeric |
| **5404 12 00 00** | - - Other, of polypropylene |
| **5404 19** | - - Other |
| **5404 19 00 50** | - - - Monofilaments of polyester or poly(butylene terephthalate), with cross-sectional dimension of 0.5 mm or more but not more than 1 mm, for use in the manufacture of zippers |
| **5404 19 00 90** | - - - Other |
| **5404 90** | **- Other** |
| **5404 90 10 00** | - - Of polypropylene |
| **5404 90 90** | - - Other |
| **5404 90 90 20** | - - - Strip of polyimide |
| **5404 90 90 90** | - - - Other |
| **5405 00 00 00** | **Artificial monofilament of 67 decitex or more and of which no cross-sectional dimension exceeds 1 mm; strip and the like (for example, artificial straw), of artificial textile materials, of an apparent width not exceeding 5 mm** |
| **5406 00 00 00** | **Man-made filament yarn (other than sewing thread), put up for retail sale** |
| **5407** | **Woven fabrics of synthetic filament yarn, including woven fabrics obtained from materials of heading 5404** |
| **5407 10** | **- Woven fabrics obtained from high-tenacity yarn of nylon or other polyamides or of polyesters** |
| **5407 10 00 10** | - - Textile fabric, consisting of warp filament yarns of polyamide-6,6 and weft filament yarns of polyamide-6,6, polyurethane and a copolymer of terephthalic acid, p-phenylenediamine and 3,4'-oxybis (phenyleneamine) |
| **5407 10 00 90** | - - Other |
| **5407 20** | **- Woven fabrics obtained from strip or the like** |
|  | - - Of polyethylene or polypropylene, of a width of |
| **5407 20 11 00** | - - - Less than 3 m |
| **5407 20 19 00** | - - - 3 m or more |
| **5407 20 90 00** | - - Other |
| **5407 30 00 00** | **- Fabrics specified in note 9 to Section XI** |
|  | **- Other woven fabrics, containing 85% or more by weight of filaments of nylon or other polyamides** |
| **5407 41 00 00** | - - Unbleached or bleached |
| **5407 42 00 00** | - - Dyed |
| **5407 43 00 00** | - - Of yarns of different colours |
| **5407 44 00 00** | - - Printed |
|  | **- Other woven fabrics, containing 85% or more by weight of textured polyester filaments** |
| **5407 51 00 00** | - - Unbleached or bleached |
| **5407 52 00 00** | - - Dyed |
| **5407 53 00 00** | - - Of yarns of different colours |
| **5407 54 00 00** | - - Printed |
|  | **- Other woven fabrics, containing 85% or more by weight of polyester filaments** |
| **5407 61** | - - Containing 85% or more by weight of non-textured polyester filaments |
| **5407 61 10 00** | - - - Unbleached or bleached |
| **5407 61 30 00** | - - - Dyed |
| **5407 61 50 00** | - - - Of yarns of different colours |
| **5407 61 90 00** | - - - Printed |
| **5407 69** | - - Other |
| **5407 69 10 00** | - - - Unbleached or bleached |
| **5407 69 90 00** | - - - Other |
|  | **- Other woven fabrics, containing 85% or more by weight of synthetic filaments** |
| **5407 71** | - - Unbleached or bleached |
| **5407 71 00 30** | - - - Ion-exchange membranes based on a fabric coated on both sides with fluorinated plastic material, for use in chlor-alkali electrolytic cells |
| **5407 71 00 90** | - - - Other |
| **5407 72 00 00** | - - Dyed |
| **5407 73 00 00** | - - Of yarns of different colours |
| **5407 74 00 00** | - - Printed |
|  | **- Other woven fabrics, containing less than 85% by weight of synthetic filaments, mixed mainly or solely with cotton** |
| **5407 81 00 00** | - - Unbleached or bleached |
| **5407 82 00 00** | - - Dyed |
| **5407 83 00 00** | - - Of yarns of different colours |
| **5407 84 00 00** | - - Printed |
|  | **- Other woven fabrics** |
| **5407 91 00 00** | - - Unbleached or bleached |
| **5407 92 00 00** | - - Dyed |
| **5407 93 00 00** | - - Of yarns of different colours |
| **5407 94 00 00** | - - Printed |
| **5408** | **Woven fabrics of artificial filament yarn, including woven fabrics obtained from materials of heading 5405** |
| **5408 10 00 00** | **- Woven fabrics obtained from high-tenacity yarn of viscose rayon** |
|  | **- Other woven fabrics, containing 85% or more by weight of artificial filament or strip or the like** |
| **5408 21 00 00** | - - Unbleached or bleached |
| **5408 22** | - - Dyed |
| **5408 22 10** | - - - Of a width exceeding 135 cm but not exceeding 155 cm, plain weave, twill weave, cross twill weave or satin weave |
| **5408 22 10 10** | - - - - Manufacture from man-made filament yarns |
| **5408 22 10 90** | - - - - Other |
| **5408 22 90** | - - - Other |
| **5408 22 90 10** | - - - - Manufacture from man-made filament yarns |
| **5408 22 90 90** | - - - - Other |
| **5408 23 00 00** | - - Of yarns of different colours |
| **5408 24 00 00** | - - Printed |
|  | **- Other woven fabrics** |
| **5408 31 00 00** | - - Unbleached or bleached |
| **5408 32** | - - Dyed |
| **5408 32 00 10** | - - - Manufacture from man-made filament yarns |
| **5408 32 00 90** | - - - Other |
| **5408 33 00 00** | - - Of yarns of different colours |
| **5408 34 00 00** | - - Printed |