

Universal Decimal Classification —

Second English full edition —
FID publication no. 483 —

UDC 679 Industries based on various
processable materials — Cable and
cordage industries — Stone industry

UDC 025.45:679

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Foreword

The English version of the Universal Decimal Classification (UDC) is being prepared and published as BS 1000 by the British Standards Institution (BSI) at the original joint request of the British Society for International Bibliography (BSIB) and the Association of Special Libraries and Information Bureaux (ASLIB), now amalgamated as Aslib. It has the approval of the Lake Placid Education Foundation, New York, proprietors of the Dewey Decimal Classification, from which the UDC derives. The English full edition of the UDC is authorized by the International Federation for Documentation (FID), PO Box 90402, 2509 LK, The Hague, Netherlands.

This section is part of the English full edition. It should be used in conjunction with the Abridged English Edition, BS 1000A, which refers to many other subjects of interest not listed in this schedule, and provides a conspectus of the whole scheme, together with an introduction to its use. For further practical information about the principles, application and utilization of the scheme, users should refer to BS 1000C.

This edition of BS 1000[679], which supersedes the 1979 edition, includes modifications authorized in “Extensions and Corrections to the UDC” (FID publication no. 248) up to and including Series 11, No. 2, dated April 1982. Subsequent issues of “Extensions and Corrections to the UDC” should be consulted to keep the schedule up to date. British Standards related to this Part of BS 1000 are listed on the inside back cover.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 14, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Scope

Under 679 is classed information about the cable and cordage industries, and industries based on naturally occurring and synthetic stone and various other materials including shells and corals.

Related subjects

549	Mineralogy
553	Economic geology. Mineral deposits
621.778	Drawing, working of rod, wire and similar sectional material
621.79	Welding. Bonding. Surface treatment. Finishing. Keeping, storing. Packing, packaging
622	Mining
669	Metallurgy
671	Articles of precious metals and precious stones
675.862	Processing of teeth. Ivory
677.022.68	Cabling — Textiles
677.052.68	Machines for the manufacture of ropes
677.072.68	Ropes. Cords
688	Fancy goods. Toys. Decorative articles
691.2	Natural stones and other minerals — Building

Auxiliary signs and subdivisions

Full information about the common and special auxiliary signs and subdivisions (often abbreviated to “common and special auxiliaries”) will be found in BS 1000A and BS 1000C.

Colon sign of relation. For the classification of information for the public, as in abstracts and bibliographies, maximum use of colon combination rather than of common or special auxiliaries is recommended. The use of the colon sign of relation is preferable for multiple entry systems, as it will help prevent the concealment of information. This usually results in longer notation, however, and for information for more restricted use, the application of auxiliaries, where available, may be simpler and more convenient provided that there is an adequate alphabetical subject index.

Common auxiliaries. The common auxiliaries of language = . . ., form (0. . .), place (1/9), race and nationality (= . . .), time “. . .”, point of view .00. . ., materials –03. . . and persons –05. . . are applicable throughout the UDC. However, they should be used mainly to express concepts not otherwise provided for in the schedules.

Special auxiliaries. The –1/–9 special auxiliaries listed under 62 are applicable throughout the schedule (except that –2 from 62 is not applicable to 679.8, where –2 has another meaning).

The .02/.05 special auxiliaries listed under 679.7 and 679.8 may be detached and applied to any subdivision of the number under which they are listed where the result forms a meaningful combination, e.g.

679.852 Granite

679.8.028 Surface treatment

679.852.028 Surface treatment of granite

Typographic presentation

The arrow → means either “see” or “see also” according to the context. The symbol ≅ “subdivide as” means that the number preceding it may be subdivided in the same way as, and with meanings analogous to the subdivisions of, the number which follows it.

SCHEDULE

679 INDUSTRIES BASED ON VARIOUS PROCESSABLE MATERIALS

Principal divisions

679.7	CABLE AND CORDAGE INDUSTRIES	.679.7.023.33	According to the shape (of twisted bunch or bundle)
	→62-427 Objects made from wires or threads, e.g. rope, yarn, laces, nets	.331	Oval
		.332	Round
Special auxiliary subdivisions for 679.7		.333	Sector-shaped
679.7.02	METHODS OF MANUFACTURING, PROCESSING AND TREATMENT	.334	Asymmetrical/coaxial
	→677.02 Processes of the textile industry	.335	Symmetrical
.022	Methods of manufacturing, processing and treatment of wire, yarns or tape (strapping)	.336	Meander
	→621.778 Drawing, working of rod, wire and similar sectional material	.337	Hollow. Tube-shaped
		.34	According to pitch (length of lay)
		.342	With some elements (fibres, yarns, wires) in strand with different pitch (cross-laid)
		.344	With all elements (fibres, yarns, wires) in strand with same pitch (equal-laid), e.g. filler and Warrington strands
.1	Mechanical treatment	.36	According to direction of lay
.12	Casting	.361	In same direction
.13	Rolling	.362	In alternate directions
.14	Drawing	.37	According to length factors
.15	Profiling (grooving)	.371	Lengthening (by rolling)
.16	Planing and milling	.372	Shortening (by twisting)
.17	Extruding. Pressing	.4	Manufacture by stranding in more than one operation
.18	Cutting		
.19	Other treatments, e.g. hammering		
.3	Heat treatment	.024	Methods of covering
.32	Annealing	.2	Covering by winding. Covering by lapping
.33	Tempering	.21	According to number of layers
.34	Hardening	.211	In one layer
.36	Drying (of drawn wire)	.212	In two layers
.4	Mechanical and heat treatment	.213	In three or more layers
.43	Sintering	.22	According to lay construction
.45	Stretching (of plastics)	.221	Same direction of lay
.5	Chemical treatment (pickling)	.222	Alternate lays
.6	Cleaning (of drawn wire)	.223	Braided
.8	Coating	.23	According to closeness (degree of cover)
.81	Lacquering	.231	With gaps
.82	Metallizing	.232	Without gaps (butting edges)
.023	Methods for manufacture of stranded wires or twisted yarns	.233	With overlap
	→621.778.24 Twisting (of rod or single-strand wire)	.234	Folding
	677.022.6 Twisting. Cabling — Textiles	.7	Covering by sheathing
.2	Manufacture according to number of wires (conductors), cores and yarns to be stranded (laid up)	.71	Pressing. Extrusion
		.72	Dipping
.22	2-4 wires	.73	Spraying
.222	2 wires	.74	Moulding
.223	3 wires	.75	Spreading
.224	4 wires	.76	Precipitation
.25	5-7 wires	.025	Methods of conditioning
.26	8-26 wires	.2	Drying
.27	27 or more wires	.3	Dipping
.3	Manufacture by stranding in one operation	.4	Impregnation
.31	According to the manner of rotation	.5	Applying bitumen. Greasing
.311	With backtwist	.6	Liming. Chalking
.312	Without backtwist	.7	Conditioning by heat treatment
.313	Parallel	.8	Other conditioning methods