

DIN EN 16579:2020-01 (Englisch)

Playing field equipment - Portable and permanent socketed goals - Functional, safety requirements and test methods (includes Amendment :2019)

Contents		Page
European foreword		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	General	7
5	Measurements, Categorization and Classification	7
5.1	General	7
5.2	Materials	10
6	Requirements	10
6.1	Strength	10
6.1.1	Goal frame of all classes and types other than Type 2 goals	10
6.1.2	Additional test for any type of goal with a height of 2 m and a weight of between 22 kg and 42 kg	10
6.1.3	Goal frame of Type 2 goals	10
6.2	Stability	10
6.3	Entrapment	11
6.3.1	General	11
6.3.2	Completely bound (enclosed) openings	11
6.3.3	Partially bound and V-shaped openings	11
6.4	Net fixings	11
6.5	Net	12
6.6	Surface finish	12
6.7	Transport system	12
7	Test methods	12
7.1	Strength test procedure	12
7.1.1	General	12
7.1.2	Determination of strength	12
7.2	Determination of stability	16
7.2.1	Socketed goals (Type 1)	16
7.2.2	Portable goals (Type 2 to Type 4)	16
7.3	Determination of strength of net fixings	16
7.4	Net yarn/woven/knitted diameter	17
8	Test report	17
9	Assembly, storage, transportation, inspection and maintenance	18
10	Marking	18
10.1	Warning Label	18
10.2	Product identification	19
10.3	Anchoring system mounting positions markings	19
Annex A (normative)	Test methods for head and neck entrapment	20

A.1	General	20
A.2	Completely bound openings	20
DIN EN 16579:2020-01 EN 16579:2018+AC:2019 (E) A.2.1 Apparatus		20
A.2.2	Procedure	22
A.3	Partially bound and V-shaped openings	22
A.3.1	Apparatus	22
A.3.2	Procedure	22
Annex B (informative) Foundation (general dimensions and capping)		27
B.1	Permanent socketed goals	27
B.1.1	Sockets and permanent anchoring systems	27
B.1.2	Socket caps	27
B.1.3	Net support posts	27
B.2	Portable goal	28
B.2.1	General	28
B.2.2	Fixing points	28
Annex C (informative) Selection and examples of typical goals related to category		29
C.1	Typical goals	29
C.2	Examples	30
C.2.1	Youth football	30
C.2.2	Small-sided football	30
C.2.3	Futsal	30
C.2.4	Mini-football	30
C.3	Procurement	31
Annex D (informative) Recommendations regarding the selection of material		32
Annex E (informative) Inspection and maintenance		33
E.1	General	33
E.2	Maintenance and inspection	33
E.2.1	Principle	33
E.2.2	Routine visual check	33
E.2.3	Operational inspection	34
E.2.4	Main inspection	34
E.2.5	Goal inspection record sheet	34
E.3	Inspection control points on goals -- Goals according to Table 1 and Table 2	35
Annex F (informative) Moving and storage of goal		39
F.1	Moving of goals	39
F.2	Storage of goals	39
Bibliography		40