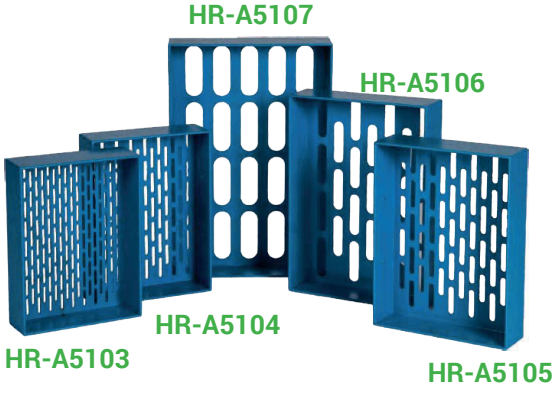
FLAKINESS SIEVES

STANDARDS: BS 812

Used to determine if aggregate is flaky; i.e. if thickness is less than 0,6 of nominal size.
Each sieve made from heavy gauge steel sheets in dimensions specified in the standards and coated with electrostatic paint.

Technical Specifications:

Product Code	Product Name	Slot Size (mm)	Dimensions (cm)	Weight (kg)
HR-A5101	Flakiness Sieve	4.9 x 30	30x22x8	1.6
HR-A5102	Flakiness Sieve	7.2 x 40	32x24x8	1.7
HR-A5103	Flakiness Sieve	10.2 x 50	34x26x8	1.8
HR-A5104	Flakiness Sieve	14.4 x 60	36x26x8	2
HR-A5105	Flakiness Sieve	19.7 x 80	39x28x8	2.2
HR-A5106	Flakiness Sieve	26.3 x 90	42x30x8	2.7
HR-A5107	Flakiness Sieve	33.9 x 100	47x32x8	3.0
HR-A5100/S	Flakiness Sieve Set	Complete Set	47x32x56	15



WET WASHING SIEVES

STANDARDS: ASTM E11

Used for wet testing of various materials enabling to wash the fines through the sieve without losing any of the sample.
Frame and woven wire cloth are stainless steel made.

Technical Specifications:

Product Name	Frame Ø200 x 100 mm	Frame Ø300 x 100 mm	Aperture Size (mm)
Wet Washing Sieve	HR-G2210	HR-G3210	6.3 mm (¼")
Wet Washing Sieve	HR-G2211	HR-G3211	4.75 mm (No.4)
Wet Washing Sieve	HR-G2212	HR-G3212	2 mm (No.10)
Wet Washing Sieve	HR-G2213	HR-G3213	425 µm (No. 40)
Wet Washing Sieve	HR-G2214	HR-G3214	75 µm (No. 200)
Wet Washing Sieve	HR-G2215	HR-G3215	63 µm (No. 230)

***For different size, please contact with our company.

HR-G2214

HR-G3215

TEST SIEVES

STANDARDS: EN 933-1, EN 933-2, ISO 3310-1, ISO 3310-2, ISO 565, ASTM E11

HİRA Laboratory Testing Equipment proposes a complete range of testing sieves which are used in all types of sieve testing applications, from sampling and classification of soils, aggregates and other powdered and granular materials.

Each sieve is individually serial numbered on metal label, ensuring full traceability.

The HİRA sieves are made with only the highest quality materials and are available in diameter sizes of 100, 150, 200, 300, 400 and 450 mm.

Woven wire mesh Sieves are available in 100, 150, 200, 300, 400 and 450 mm frame diameters materials of stainless steel.

Perforated Plate Sieves are available in 200, 300 mm frame diameters materials of stainless steel.

Table for the Woven Wire Mesh Sieves (ISO 3310-1)

Aperture Size	Frame Ø100 x 50 mm	Frame Ø150 x 50 mm	Frame Ø200 x 50 mm	Frame Ø300 x 75 mm	Frame Ø400 x 50 mm	Frame Ø450 x 50 mm
125 mm	HR-G12125	HR-G1125	HR-G2125	HR-G3125	HR-G4125	HR-G5125
100 mm (4″)	HR-G12126	HR-G1126	HR-G2126	HR-G3126	HR-G4126	HR-G5126
90 mm (3 ½″)	HR-G12127	HR-G1127	HR-G2127	HR-G3127	HR-G4127	HR-G5127
80 mm	HR-G12128	HR-G1128	HR-G2128	HR-G3128	HR-G4128	HR-G5128
75 mm (3″)	HR-G12129	HR-G1129	HR-G2129	HR-G3129	HR-G4129	HR-G5129
63 mm (2 ½″)	HR-G12130	HR-G1130	HR-G2130	HR-G3130	HR-G4130	HR-G5130
56 mm	HR-G12131	HR-G1131	HR-G2131	HR-G3131	HR-G4131	HR-G5131
53 mm (2.12″)	HR-G12132	HR-G1132	HR-G2132	HR-G3132	HR-G4132	HR-G5132
50 mm (2″)	HR-G12133	HR-G1133	HR-G2133	HR-G3133	HR-G4133	HR-G5133
45 mm (1 ¾″)	HR-G12134	HR-G1134	HR-G2134	HR-G3134	HR-G4134	HR-G5134
40 mm	HR-G12135	HR-G1135	HR-G2135	HR-G3135	HR-G4135	HR-G5135
37.5 mm (1-½″)	HR-G12136	HR-G1136	HR-G2136	HR-G3136	HR-G4136	HR-G5136
31.5 mm (1 ¼″)	HR-G12137	HR-G1137	HR-G2137	HR-G3137	HR-G4137	HR-G5137
26.5 mm (1.06″)	HR-G12138	HR-G1138	HR-G2138	HR-G3138	HR-G4138	HR-G5138
25 mm (1″)	HR-G12139	HR-G1139	HR-G2139	HR-G3139	HR-G4139	HR-G5139
22.4 mm (7/8″)	HR-G12140	HR-G1140	HR-G2140	HR-G3140	HR-G4140	HR-G5140
20 mm	HR-G12141	HR-G1141	HR-G2141	HR-G3141	HR-G4141	HR-G5141
19 mm (¾″)	HR-G12142	HR-G1142	HR-G2142	HR-G3142	HR-G4142	HR-G5142
16 mm (5/8″)	HR-G12143	HR-G1143	HR-G2143	HR-G3143	HR-G4143	HR-G5143
14 mm	HR-G12144	HR-G1144	HR-G2144	HR-G3144	HR-G4144	HR-G5144
13.2 mm (.530″)	HR-G12145	HR-G1145	HR-G2145	HR-G3145	HR-G4145	HR-G5145
12.5 mm (½″)	HR-G12146	HR-G1146	HR-G2146	HR-G3146	HR-G4146	HR-G5146
11.2 mm (7/16″)	HR-G12147	HR-G1147	HR-G2147	HR-G3147	HR-G4147	HR-G5147
10 mm	HR-G12148	HR-G1148	HR-G2148	HR-G3148	HR-G4148	HR-G5148
9.5 mm (3/8″)	HR-G12149	HR-G1149	HR-G2149	HR-G3149	HR-G4149	HR-G5149
8 mm (5/16″)	HR-G12150	HR-G1150	HR-G2150	HR-G3150	HR-G4150	HR-G5150
6.7 mm (.265″)	HR-G12151	HR-G1151	HR-G2151	HR-G3151	HR-G4151	HR-G5151
6.3 mm (¼″)	HR-G12152	HR-G1152	HR-G2152	HR-G3152	HR-G4152	HR-G5152
5.6 mm (No. 3 ½)	HR-G12153	HR-G1153	HR-G2153	HR-G3153	HR-G4153	HR-G5153
5 mm	HR-G12154	HR-G1154	HR-G2154	HR-G3154	HR-G4154	HR-G5154
4.75 mm (No.4)	HR-G12155	HR-G1155	HR-G2155	HR-G3155	HR-G4155	HR-G5155
4 mm (No.5)	HR-G12156	HR-G1156	HR-G2156	HR-G3156	HR-G4156	HR-G5156
3.35 mm (No. 6)	HR-G12157	HR-G1157	HR-G2157	HR-G3157	HR-G4157	HR-G5157
3.15 mm	HR-G12158	HR-G1158	HR-G2158	HR-G3158	HR-G4158	HR-G5158
2.8 mm (No. 7)	HR-G12159	HR-G1159	HR-G2159	HR-G3159	HR-G4159	HR-G5159
2.5 mm	HR-G12160	HR-G1160	HR-G2160	HR-G3160	HR-G4160	HR-G5160
2.36 mm (No.8)	HR-G12161	HR-G1161	HR-G2161	HR-G3161	HR-G4161	HR-G5161
2 mm (No.10)	HR-G12162	HR-G1162	HR-G2162	HR-G3162	HR-G4162	HR-G5162
1.7 mm (No. 12)	HR-G12163	HR-G1163	HR-G2163	HR-G3163	HR-G4163	HR-G5163
1.6 mm	HR-G12164	HR-G1164	HR-G2164	HR-G3164	HR-G4164	HR-G5164
1.4 mm (No. 14)	HR-G12165	HR-G1165	HR-G2165	HR-G3165	HR-G4165	HR-G5165
1.25 mm	HR-G12166	HR-G1166	HR-G2166	HR-G3166	HR-G4166	HR-G5166
1.18 mm (No.16)	HR-G12167	HR-G1167	HR-G2167	HR-G3167	HR-G4167	HR-G5167
1 mm (No. 18)	HR-G12168	HR-G1168	HR-G2168	HR-G3168	HR-G4168	HR-G5168
850 µm (No. 20)	HR-G12169	HR-G1169	HR-G2169	HR-G3169	HR-G4169	HR-G5169
800 µm	HR-G12170	HR-G1170	HR-G2170	HR-G3170	HR-G4170	HR-G5170
710 µm (No. 25)	HR-G12171	HR-G1171	HR-G2171	HR-G3171	HR-G4171	HR-G5171
630 µm	HR-G12172	HR-G1172	HR-G2172	HR-G3172	HR-G4172	HR-G5172

HİRA TESTING EQUIPMENT

Aperture Size	Frame Ø100 x 50 mm	Frame Ø150 x 50 mm	Frame Ø200 x 50 mm	Frame Ø300 x 75 mm	Frame Ø400 x 50 mm	Frame Ø450 x 50 mm
600 µm (No. 30)	HR-G12173	HR-G1173	HR-G2173	HR-G3173	HR-G4173	HR-G5173
500 µm (No. 35)	HR-G12174	HR-G1174	HR-G2174	HR-G3174	HR-G4174	HR-G5174
425 µm (No. 40)	HR-G12175	HR-G1175	HR-G2175	HR-G3175	HR-G4175	HR-G5175
400 µm	HR-G12176	HR-G1176	HR-G2176	HR-G3176	HR-G4176	HR-G5176
355 µm (No. 45)	HR-G12177	HR-G1177	HR-G2177	HR-G3177	HR-G4177	HR-G5177
315 µm	HR-G12178	HR-G1178	HR-G2178	HR-G3178	HR-G4178	HR-G5178
300 µm (No. 50)	HR-G12179	HR-G1179	HR-G2179	HR-G3179	HR-G4179	HR-G5179
250 µm (No. 60)	HR-G12180	HR-G1180	HR-G2180	HR-G3180	HR-G4180	HR-G5180
212 µm (No. 70)	HR-G12181	HR-G1181	HR-G2181	HR-G3181	HR-G4181	HR-G5181
200 µm	HR-G12182	HR-G1182	HR-G2182	HR-G3182	HR-G4182	HR-G5182
180 µm (No. 80)	HR-G12183	HR-G1183	HR-G2183	HR-G3183	HR-G4183	HR-G5183
160 µm	HR-G12184	HR-G1184	HR-G2184	HR-G3184	HR-G4184	HR-G5184
150 µm (No. 100)	HR-G12185	HR-G1185	HR-G2185	HR-G3185	HR-G4185	HR-G5185
125 µm (No. 120)	HR-G12186	HR-G1186	HR-G2186	HR-G3186	HR-G4186	HR-G5186
106 µm (No. 140)	HR-G12187	HR-G1187	HR-G2187	HR-G3187	HR-G4187	HR-G5187
100 µm	HR-G12188	HR-G1188	HR-G2188	HR-G3188	HR-G4188	HR-G5188
90 µm (No. 170)	HR-G12189	HR-G1189	HR-G2189	HR-G3189	HR-G4189	HR-G5189
80 µm	HR-G12190	HR-G1190	HR-G2190	HR-G3190	HR-G4190	HR-G5190
75 µm (No. 200)	HR-G12191	HR-G1191	HR-G2191	HR-G3191	HR-G4191	HR-G5191
63 µm (No. 230)	HR-G12192	HR-G1192	HR-G2192	HR-G3192	HR-G4192	HR-G5192
53 µm (No. 270)	HR-G12193	HR-G1193	HR-G2193	HR-G3193	HR-G4193	HR-G5193
50 µm	HR-G12194	HR-G1194	HR-G2194	HR-G3194	HR-G4194	HR-G5194
45 µm (No. 325)	HR-G12195	HR-G1195	HR-G2195	HR-G3195	HR-G4195	HR-G5195
40 µm	HR-G12196	HR-G1196	HR-G2196	HR-G3196	HR-G4196	HR-G5196
38 µm (No. 400)	HR-G12197	HR-G1197	HR-G2197	HR-G3197	HR-G4197	HR-G5197
25 µm	HR-G12198	HR-G1198	HR-G2198	HR-G3198	HR-G4198	HR-G5198
LID	HR-G12199	HR-G1199	HR-G2199	HR-G3199	HR-G4199	HR-G5199
RECEIVER	HR-G12200	HR-G1200	HR-G2200	HR-G3200	HR-G4200	HR-G5200
LID & RECEIVER	HR-G12201	HR-G1201	HR-G2201	HR-G3201	HR-G4201	HR-G5201

Ø200 x 50 mm Woven Wire Mesh Sieves

Table for the Woven Wire Mesh Sieves (Coarse) (ASTM E11)

Aperture Size	Frame Ø 8″ x 50 mm	Frame Ø 12″ x 50 mm
100 mm (4″)	HR-G9126	HR-G10126
90 mm (3 ½″)	HR-G9127	HR-G10127
75 mm (3″)	HR-G9129	HR-G10129
63 mm (2 ½″)	HR-G9130	HR-G10130
53 mm (2.12″)	HR-G9132	HR-G10132
50 mm (2″)	HR-G9133	HR-G10133
45 mm (1 ¾″)	HR-G9134	HR-G10134
37.5 mm (1-½″)	HR-G9136	HR-G10136
31.5 mm (1 ¼″)	HR-G9137	HR-G10137
26.5 mm (1.06″)	HR-G9138	HR-G10138
25 mm (1″)	HR-G9139	HR-G10139
22.4 mm (7/8″)	HR-G9140	HR-G10140
19 mm (¾″)	HR-G9142	HR-G10142
16 mm (5/8″)	HR-G9143	HR-G10143
13.2 mm (.530″)	HR-G9145	HR-G10145
12.5 mm (½″)	HR-G9146	HR-G10146
11.2 mm (7/16″)	HR-G9147	HR-G10147
9.5 mm (3/8″)	HR-G9149	HR-G10149
8 mm (5/16″)	HR-G9150	HR-G10150
6.7 mm (.265″)	HR-G9151	HR-G10151
6.3 mm (¼″)	HR-G9152	HR-G10152
5.6 mm (No. 3 ½)	HR-G9153	HR-G10153
4.75 mm (No.4)	HR-G9155	HR-G10155
4 mm (No.5)	HR-G9156	HR-G10156
LID	HR-G9199	HR-G10199
RECEIVER	HR-G9200	HR-G10200
LID & RECEIVER	HR-G9201	HR-G10201

Table for the Woven Wire Mesh Sieves (Fine) (ASTM E11)

Aperture Size	Frame Ø 8″ x 50 mm	Frame Ø 12″ x 50 mm
3.35 mm (No. 6)	HR-G9157	HR-G10157
2.8 mm (No. 7)	HR-G9159	HR-G10159
2.36 mm (No.8)	HR-G9161	HR-G10161
2 mm (No.10)	HR-G9162	HR-G10162
1.7 mm (No. 12)	HR-G9163	HR-G10163
1.4 mm (No. 14)	HR-G9165	HR-G10165
1.18 mm (No.16)	HR-G9167	HR-G10167
1 mm (No. 18)	HR-G9168	HR-G10168
850 µm (No. 20)	HR-G9169	HR-G10169
710 µm (No. 25)	HR-G9171	HR-G10171
600 µm (No. 30)	HR-G9173	HR-G10173
500 µm (No. 35)	HR-G9174	HR-G10174
425 µm (No. 40)	HR-G9175	HR-G10175
355 µm (No. 45)	HR-G9177	HR-G10177
300 µm (No. 50)	HR-G9179	HR-G10179
250 µm (No. 60)	HR-G9180	HR-G10180
212 µm (No. 70)	HR-G9181	HR-G10181
180 µm (No. 80)	HR-G9183	HR-G10183
150 µm (No. 100)	HR-G9185	HR-G10185
125 µm (No. 120)	HR-G9186	HR-G10186
106 µm (No. 140)	HR-G9187	HR-G10187
90 µm (No. 170)	HR-G9189	HR-G10189
75 µm (No. 200)	HR-G9191	HR-G10191
63 µm (No. 230)	HR-G9192	HR-G10192
53 µm (No. 270)	HR-G9193	HR-G10193
45 µm (No. 325)	HR-G9195	HR-G10195
40 µm	HR-G9196	HR-G10196
38 µm (No. 400)	HR-G9197	HR-G10197
LID	HR-G9199	HR-G10199
RECEIVER	HR-G9200	HR-G10200
LID & RECEIVER	HR-G9201	HR-G10201

Ø300 x 50 mm Woven Wire Mesh Sieves

HR-G2201

HR-G3201

Table for the Perforated Plate Sieves (ISO 3310-2)

Aperture Size	Frame Ø200x 50mm	Frame Ø300 x 75mm
125 mm	HR-G16125	HR-G17125
100 mm (4″)	HR-G16126	HR-G17126
90 mm (3 ½″)	HR-G16127	HR-G17127
80 mm	HR-G16128	HR-G17128
75 mm (3″)	HR-G16129	HR-G17129
63 mm (2 ½″)	HR-G16130	HR-G17130
56 mm	HR-G16131	HR-G17131
53 mm (2.12″)	HR-G16132	HR-G17132
50 mm (2″)	HR-G16133	HR-G17133
45 mm (1 ¾″)	HR-G16134	HR-G17134
40 mm	HR-G16135	HR-G17135
37.5 mm (1-½″)	HR-G16136	HR-G17136
31.5 mm (1 ¼″)	HR-G16137	HR-G17137
26.5 mm (1.06″)	HR-G16138	HR-G17138
25 mm (1″)	HR-G16139	HR-G17139
22.4 mm (7/8″)	HR-G16140	HR-G17140
20 mm	HR-G16141	HR-G17141
19 mm (¾″)	HR-G16142	HR-G17142

Aperture Size	Frame Ø200 x 50mm	Frame Ø300 x 75mm
16 mm (5/8″)	HR-G16143	HR-G17143
14 mm	HR-G16144	HR-G17144
13.2 mm (.530″)	HR-G16145	HR-G17145
12.5 mm (½″)	HR-G16146	HR-G17146
11.2 mm (7/16″)	HR-G16147	HR-G17147
10 mm	HR-G16148	HR-G17148
9.5 mm (3/8″)	HR-G16149	HR-G17149
8 mm (5/16″)	HR-G16150	HR-G17150
6.7 mm (.265″)	HR-G16151	HR-G17151
6.3 mm (¼″)	HR-G16152	HR-G17152
5.6 mm (No. 3 ½)	HR-G16153	HR-G17153
5 mm	HR-G16154	HR-G17154
4.75 mm (No.4)	HR-G16155	HR-G17155
4 mm (No.5)	HR-G16156	HR-G17156
LID	HR-G16199	HR-G17199
RECEIVER	HR-G16200	HR-G17200
LID & RECEIVER	HR-G16201	HR-G17201