



HELMET SAFETY RATINGS



WHAT IS SHARP?

SHARP is the *Safety Helmet Assessment and Rating Programme*. By law all helmets must meet minimum safety standards, but **SHARP** goes beyond these basic requirements to provide an independent assessment of how well a helmet performs over and above the minimum legal requirements.

SHARP awards a safety rating of 1 to 5 stars – those with 5 offer the highest level of protection. However, no matter what its safety rating might be, a helmet must fit the rider correctly; so **SHARP** provides guidance on selecting one that fits.

WHAT RESEARCH UNDERPINS SHARP?

SHARP stems from international research that looked at 253 motorcycle road accidents. Replicating accidents in laboratory conditions determined the location, frequency and severity of impacts to helmets.

WHAT THE STARS MEAN

By using the findings of this research and using industry standard test equipment and procedures that are established in regulations, **SHARP** highlights the better performing helmets in the market place. Our laboratory subjects helmets to more demanding impacts than regulations require and by providing a rating, we highlight those likely to perform significantly better in real world road collisions.

HELMET TYPES AND LATCH PERFORMANCE



FULL FACE HELMET

A single piece, solid form construction helmet.



SYSTEM (MODULAR/FLIP-UP) HELMET

A helmet with a moveable part that covers the lower face.



LATCH PERFORMANCE

Percentage of impacts where the chin guard remained fully locked.

For further information and the full list of helmet ratings please go to: sharp.dft.gov.uk or scan this code >>



FULL FACE HELMETS



3GO

E35 ★★☆☆☆

E5V ★★☆☆☆

Agrius

Rage SV ★★★★★

AGV

Corsa ★★★★★

Corsa R ★★★★★

GP TECH ★★★★★

Grid ★★★★★

Horizon ★★★★★

K-1 S ★★★★★

K-3 ★★★★★

K-3 SV ★★★★★

K-4 ★★★★★

K-4 Evo ★★★★★

K-5 ★★★★★

K-5 S ★★★★★

K-6 ★★★★★

K-6 S ★★★★★

Pista GP ★★★★★

Pista GP R ★★★★★

S-4 SV ★★★★★

Skyline ★★★★★

Stealth ★★★★★

Stealth SV ★★★★★

T2 ★★★★★

Veloce GT ★★★★★

Veloce S ★★★★★

Airoh

Dragon ★★★★★

Force ★★★★★

GP500 ★★★★★

FULL FACE HELMETS

Storm Battle	★★★★☆
ST 701	★★★★☆
Valor	★★★★★
Arai	
Chaser	★★★★☆
Chaser X	★★★★☆
Debut	★★★★☆
Profile V	★★★★☆
Quantic	★★★★☆
Quantum	★★★★☆
Quantum ST	★★★★☆
Quantum ST Pro	★★★★☆
QV Pro	★★★★★
Rebel	★★★★☆
Renegade V	★★★★☆
RX7-GP	★★★★☆
RX-7V	★★★★★
RX7 Evo	★★★★★
Tour X5	★★★★☆
Arashi	
Daytona	★★★☆☆
Phantom	★★★★☆
Sonic	★★★★☆
Steel 2	★★★★☆
Bell	
Eliminator	★★★★★
M3R	★★★★★
M4R Carbon	★★★★★
M5X Carbon	★★★★★
M6	★★★★★
MX-9 ADVENTURE MIPS	★★★★☆
Qualifier DLX	★★★★☆
Qualifier DLX MIPS	★★★★☆

FULL FACE HELMETS

Race Star	★★★★★
RS-1	★★★★☆
RS-2	★★★★☆
SRT	★★★★☆
Star	★★★★★
Biltwell	
Lane Splitter	★★★★★
BKS	
Stealth	★★★☆☆
Techno	★★★☆☆
Black	
Titan SV	★★★☆☆
BMW	
Sport	★★★★☆
Box	
BX1	★★★★☆
BZ1	★★★★☆
FZ1	★★★☆☆
Caberg	
Drift	★★★★☆
Drift Evo	★★★★☆
Stunt	★★★☆☆
V2R	★★★★★
V2RR	★★★★★
V2X Carbon	★★★★☆
V2 407	★★★★★
Vox	★★★★★
CMS	
GP4	★★★☆☆
GP5F	★★★☆☆
Dainese	
Airstream	★★★☆☆
D 181	★★★☆☆

FULL FACE HELMETS

DA530	★★★★☆
Performance	★★★★☆
Duchinni	
D409	★★★★☆
D419	★★★★☆
D705	★★★★☆
D711	★★★★☆
D721	★★★★☆
D811	★★★★☆
D832	★★★★★
D909	★★★★☆
D977	★★★★☆
Frank Thomas	
FF07	★★★★☆
Fusion	
G921	★★★☆☆
RR700	★★★★☆
G-Mac	
Blaze	★★★★☆
Mechanoid	★★★★☆
Pilot	★★★★☆
Renegade	★★★★☆
Scirocco	★★★★☆
Givi	
50.4	★★★★☆
HPS 50.6	★★★★☆
Grex	
G6.1	★★★★☆
R2	★★★★☆
Halfords	
MYX	★★★★☆
ST-1154	★★★★☆
Harley-Davidson	

FULL FACE HELMETS

Laguna II	★☆☆☆☆
Held	
Root	★★★★☆
HJC	
C10	
C70	★★★★★
C90	★★★★☆
C91	★★★★☆
CS-14	★★★★☆
CS-15	★★★★☆
F70	★★★★☆
FG-17	★★★★☆
FG-ST	★★★★★
FS-11	★★★★☆
i70	★★★★☆
IS-16	★★★☆☆
IS-17	★★★★★
RPHA 10	★★★★☆
RPHA 10 plus	★★★★☆
RPHA 11	★★★★☆
RPHA 70	★★★★☆
TR1	★★★☆☆
ZF-10	★★★★☆
Icon	
Airflite	★★★★☆
Airframe	★★★★☆
Airmada	★★★☆☆
Alliance	★★★★☆
Kabuto	
RT33	★★★★☆
Kawasaki	
Sport	★★★★☆
KBC	

FULL FACE HELMETS

TK8	★☆☆☆☆
VR	★★★★☆
VR4R	★★★★☆
XP3	★★★★☆
Lazer	
Bayamo	★★★★☆
Bora	★★★★★
Breva	★★★★☆
Kestrel	★★★★☆
Kite	★★★★☆
Osprey	★★★★☆
Solano Superskin	★★★★☆
LEM	
Genesis	★★★★☆
Kinetic	★★★★☆
LS2	
FF320 Stream	★★★★☆
FF320 Stream Evo	★★★★☆
FF322	★★★☆☆
FF323 Arrow	★★★★☆
FF350 Mono	★★★★☆
FF351	★★★☆☆
FF352	★★★★☆
FF353 Rapid	★★★☆☆
FF358	★★★★☆
FF366 Cyber	★★★★☆
FF375 Shogun	★★★★☆
FF384	★★★☆☆
FF385	★★★★☆
FF390 Breaker	★★★☆☆
FF396	★★★★☆
FF397 Vector	★★★★☆
Stream 2	★★★★☆

FULL FACE HELMETS

Marushin	
222	★☆☆☆☆
777 Tiger	★★★★★
RS1 Carbon	★★★★☆
RS2 Carbon	★★★★★
MDS	
M13	★★★★☆
Sprinter	★★★★☆
MT	
Blade	★★★★☆
Blade 2	★★★★☆
Braker SV	★★★★★
KRE SV	★★★★☆
Matrix	★★★★★
Mugello	★★★★☆
Targo	★★★★☆
Thunder	★★★★☆
Thunder 3	★★★★☆
Rapide	★★★★☆
Revenge	★★★★★
Nankai	
SA07	★★★★☆
Nexx	
SX100	★★★★☆
XG 100 R	★★★★☆
XR1R	★★★★☆
XR1R Carbon	★★★★☆
XR2	★★★★☆
Nitro	
Aikido	★★★★★
Dynamo	★★★★☆
EVO Carbon FF	★★★★★
NG-FP	★★★★☆

FULL FACE HELMETS

NP1100F	★★★★★
N-PSI	★★★★★
NS-FF	★★★★★
NS-FP	★★★★★
NSFC Carbon	★★★★★
N250-VX	★★★★★
N510-V	★★★★★
N1000-V	★★★★★
N1700-VF	★★★★★
N1900VF Carbon	★★★★★
N2100	★★★★★
N2200	★★★★★
N2300	★★★★★
NRS-01	★★★★★
Reactor	★★★★★
Nolan	
N60-5	★★★★★
N63	★★★★★
N64	★★★★★
N85	★★★★★
N86	★★★★★
N87	★★★★★
X802	★★★★★
Nuvo	
SP2	★★★★★
NZI	
Premium S	★★★★★
RCV	★★★★★
OSBE	
Highway	★★★★★
X Race	★★★★★
Premier	

FULL FACE HELMETS

Trophy	★★★★★
Roof	
Panther	★★★★★
RST	
Fusion	★★★★★
Ruroc	
Atlas 2.0	★★★★★
Atlas 3.0	★★★★★
Atlas 4.0 Carbon	★★★★★
Schuberth	
C5	★★★★★
R2	★★★★★
S1 Pro	★★★★★
S2	★★★★★
SR1	★★★★★
SR2	★★★★★
Scorpion	
EX Combat	★★★★★
EXO Tech	★★★★★
EXO 300	★★★★★
EXO 400	★★★★★
EXO 410	★★★★★
EXO 450	★★★★★
EXO 490	★★★★★
EXO 500 Air	★★★★★
EXO 510 Air	★★★★★
EXO 710 Air	★★★★★
EXO 750	★★★★★
EXO 930 Evo	★★★★★
EXO 1000	★★★★★
EXO 1000 Air E11	★★★★★
EXO 1200 Air	★★★★★
EXO 1400 Air	★★★★★

FULL FACE HELMETS

EXO 2000	★★★★★
Exo R1 Evo	★★★★★
Shark	
D-Skwal	★★★★★
Race R	★★★★★
Race R Pro	★★★★★
Race R Pro Carbon	★★★★★
Ridill	★★★★★
RSF 3	★★★★★
RSR2 Carbon	★★★★★
S600	★★★★★
S650	★★★★★
S700	★★★★★
S900	★★★★★
Skwal	★★★★★
Skwal 2	★★★★★
Spartan	★★★★★
Spartan Carbon	★★★★★
Spartan GT	★★★★★
Spartan GT Carbon	★★★★★
Spartan RS	★★★★★
Speed R	★★★★★
Vancore 2	★★★★★
Vision R	★★★★★
Vision R GT Carbon	★★★★★
Shoei	
Ex Zero	★★★★★
Glamster	★★★★★
GT Air	★★★★★
NEOTEC 3	★★★★★
NXR	★★★★★
NXR2	★★★★★
Qwest	★★★★★

FULL FACE HELMETS	
Ryd	★★★★★
X-Spirit II	★★★★★
X-Spirit III	★★★★★
XR-1100	★★★★★
Shox	
Assault	★★★★★
Axxis	★★★★★
Sniper	★★★★★
Simpson	
Venom	★★★★★
Spada	
Arc	★★★★★
Evolution	★★★★★
RP700	★★★★★
RP900	★★★★★
RP One	★★★★★
SP16	★★★★★
Stealth	
HD117	★★★★★
HD188	★★★★★
Suomy	
Apex	★★★★★
Excel	★★★★★
Speedstar	★★★★★
Suomy (cont)	
Vandal	★★★★★
Uvex	
Xenova	★★★★★
VCan	
V100F	★★★★★
V127	★★★★★
V158	★★★★★
V190	★★★★★

FULL FACE HELMETS		
Vemar		
Ghibli	★★★★★	
V1.01.1 Eclipse	★★★★★	
V1.02.1 Midas	★★★★★	
Zephir	★★★★★	
Viper		
RS 33	★★★★★	
RS 44	★★★★★	
RS 220	★★★★★	
RS 222	★★★★★	
RS 1010	★★★★★	
RS V131	★★★★★	
RS V99	★★★★★	
RS V5 Zero	★★★★★	
RS V7 Zero	★★★★★	
RS V8	★★★★★	
RS V9	★★★★★	
X-Lite		
X603	★★★★★	
X661	★★★★★	
X702	★★★★★	
X803 RS Carbon	★★★★★	
X903	★★★★★	
802R	★★★★★	
SYSTEM (MODULAR/FLIP-UP) HELMETS		
3GO		
E115	★★★★★	🛡️ 97%
AGV		
Compact	★★★★★	🛡️ 100%
Compact ST	★★★★★	🛡️ 100%
Longway II	★★★★★	🛡️ 90%

SYSTEM (MODULAR/FLIP-UP) HELMETS		
Numo	★★★★★	🛡️ 100%
Sport Modular	★★★★★	🛡️ 97%
Airoh		
Miro	★★★★★	🛡️ 76%
Rides	★★★★★	🛡️ 76%
Rev	★★★★★	🛡️ 73%
SV55 S	★★★★★	🛡️ 87%
Bell		
M10	★★★★★	🛡️ 90%
Black		
Optimus SV	★★★★★	🛡️ 66%
BMW		
System 6	★★★★★	🛡️ 97%
System 6 Evo	★★★★★	🛡️ 93%
Box		
FX 1	★★★★★	🛡️ 33%
SZ 1	★★★★★	🛡️ 36%
Caberg		
Droid	★★★★★	🛡️ 100%
Duke	★★★★★	🛡️ 87%
Duke 2	★★★★★	🛡️ 90%
Horus	★★★★★	🛡️ 87%
Konda	★★★★★	🛡️ 97%
Levo	★★★★★	🛡️ 90%
Sintesi	★★★★★	🛡️ 90%
Tourmax	★★★★★	🛡️ 87%
Duchinni		
D605	★★★★★	🛡️ 97%
D606	★★★★★	🛡️ 30%
D619	★★★★★	🛡️ 23%
D839	★★★★★	🛡️ 37%
Frank Thomas		
FL09	★★★★★	🛡️ 20%

SYSTEM (MODULAR/FLIP-UP) HELMETS

Fusion		
Tranz	★☆☆☆☆	🔒 23%
G-mac		
Axis	★★★★★	🔒 100%
Glide	★★☆☆☆	🔒 80%
GreX		
G9.1	★★★★★	🔒 100%
HJC		
C90	★★★★★	🔒 87%
I90	★★★★★	🔒 90%
IS MAX	★★★★★	🔒 40%
IS MAX 2	★★★★★	🔒 100%
R-PHA 90S	★★★★★	🔒 93%
R-PHA 91	★★★★★	🔒 80%
R-PHA MAX	★★★★★	🔒 93%
SY-MAX III	★★★★★	🔒 40%
V90	★★★★★	🔒 90%
Lazer		
Paname	★★★★★	🔒 90%
Monaco	★★★★★	🔒 63%
LS2		
Advant X	★★★★★	🔒 63%
FF324 Metro	★★★★★	🔒 97%
FF325 Strobe	★★★★★	🔒 100%
FF369 Delta	★★★★★	🔒 70%
FF370	★★★★★	🔒 100%
FF386	★★★★★	🔒 100%
FF393	★★★★★	🔒 37%
FF399 Valiant	★★★★★	🔒 97%
Scope	★★★★★	🔒 87%
Marushin		
M401	★★☆☆☆	🔒 17%
MDS		

SYSTEM (MODULAR/FLIP-UP) HELMETS

MD200	★★★★★	🔒 100%
MT		
Atom SV	★★★★★	🔒 50%
Flux	★★★★★	🔒 40%
Raptor	★★★★★	🔒 70%
Nitro		
F342	★★★★★	🔒 40%
F341-VN	★★★★★	🔒 90%
F341 UNO	★★★★★	🔒 77%
Nolan		
N90	★★★★★	🔒 100%
N903	★★★★★	🔒 90%
N91 Evo	★★★★★	🔒 100%
N100-5 Plus	★★★★★	🔒 100%
N104	★★★★★	🔒 100%
NZI		
Convert III	★☆☆☆☆	🔒 73%
Fibrup	★★☆☆☆	🔒 77%
Roof		
Desmo 3	★★★★★	🔒 97%
Schuberth		
C3 Pro	★★★★★	🔒 97%
C4	★★★★★	🔒 100%
C4 Pro	★★★★★	🔒 93%
C5	★★★★★	🔒 100%
E1	★★★★★	🔒 93%
Scorpion		
EXO 900 Air	★★★★★	🔒 83%
EXO 920	★★☆☆☆	🔒 90%
EXO 930	★★★★★	🔒 63%
EXO 3000 Air	★★★★★	🔒 97%
EXO Tech	★★★★★	🔒 33%
Shark		

SYSTEM (MODULAR/FLIP-UP) HELMETS

Evoline III	★★★★★	🔒 57%
EVO-ONE	★★★★★	🔒 100%
EVO-ONE 2	★★★★★	🔒 100%
EVO-ES	★★★★★	🔒 57%
Shoei		
GT Air III	★★★★★	🔒 83%
Neotec	★★★★★	🔒 93%
Neotec 2	★★★★★	🔒 70%
Neotec 3	★★★★★	🔒 93%
Simpson		
Darksome	★★★★★	🔒 67%
Shox		
Bullet	★★★☆☆	🔒 97%
Spada		
Orion 2	★★★★★	🔒 83%
Reveal	★☆☆☆☆	🔒 83%
Tucana	★★☆☆☆	🔒 100%
Stealth		
HD189	★★★★★	🔒 83%
Suomy		
D20	★★★★★	🔒 100%
V Can		
V270	★★☆☆☆	🔒 100%
Viper		
RS V115	★★★★★	🔒 80%
RS V131	★★★★★	🔒 93%
RS V151	★★☆☆☆	🔒 100%
RS V171	★★☆☆☆	🔒 93%
RS V225	★★☆☆☆	🔒 77%
RS V335	★★☆☆☆	🔒 100%
X-Lite		
X1003	★★★★★	🔒 100%
X1004	★★★★★	🔒 100%