

Sanding tools and accessories





KWH Mirka Ltd manufactures and sells coated abrasives for demanding conditions. Mirka is a specialist in flexible abrasives and abrasives that allow for dust-free surface finishing processes. The company has become a forerunner in this specialist area by placing a strong emphasis on product development. This development has been backed-up by an effective production system and many decades of experience.

Mirka is the first company in its sector to obtain the three most important quality standards. We strive to guarantee reliable quality by following the ISO 9001–2000 quality assurance system. The OHSAS 18001 occupational health and safety management system ensures a high level of work safety. The ISO 14001 environmental management system proves that we consider the environment in all our activities.

Mirka is a globally expanding company with ten subsidiaries located in Europe, North and South America and Asia. Headquarters and production are situated in Finland. More than 90 % of our products are exported and sold in more than 80 countries.

KWH Mirka Ltd. is a part of the KWH-Group, which also includes KWH Pipe, a manufacturer of plastic pipes; KWH Plast, a manufacturer of plastic foil; KWH Logistics, a specialist in cold storage and transports; and KWH Invest, a company involved both in the heating, plumbing and air conditioning sector and the packaging sector (Prevox).

Mirka produces abrasives for different applications as well as complete sanding systems for demanding tasks. We also market accessories suitable for our basic product range, for example sanding machines, vacuum equipment, sanding blocks and various other sanding accessories.

CONTENT

Random Orbital sanders	4
Orbital sanders	8
ROS and OS sanders spare part kits	10
Service tool kits	12
ROS and OS sanders spare parts	13
Vacuum cleaner	15
Files / Tools for roses kit / Tools for hand sanding	16
Backing Pads	17
Backing Pads / Abranet backing pads	18
Backing Pads / Interface	19
Interface / Multi interface for Abranet / Interface for hand sanding blocks	20
Pad Protection discs with holes / Vacuum block discs / Pad Protector for strips	21
Hand sanding blocks / Hand pads	22
Deco Sander / Spare parts	23
Polisher	24
Polishing products	25



Mirka sanding machines are effective and durable tools for professional sanding. These ergonomically designed sanding machines are built for maximum dust extraction even at low suction power. Lightweight hi-tech materials are used in the production, in order to combine optimal strength and user comfort. The machine is able to perform at 12 000 rpm maximum effect, despite the low soundlevel.

Random Orbital sanders

Model	ROS325NV	ROS325CV	ROS325DB
Code	8993320111	8993325111	8993425111
Size	77 mm	77 mm	77 mm
Weight	510 g	570 g (sander) 400 g (hose)	590 g (sander) 600 g (hose + dustbag)
Air consumption	481 l/min	481 l/min	481 l/min
Workpressure	6,2 Bar	6,2 Bar	6,2 Bar
Sound level	80 dBa	80 dBa	84 dBa
Power	240 W	240 W	240 W
Speed RPM	12000 rpm	12000 rpm	12000 rpm
Orbit	2,5 mm	2,5 mm	2,5 mm
Pad	77 mm (3") grip no holes 1/4"	77 mm (3") grip 3 holes 1/4" + pad protection	77 mm (3") grip 3 holes 1/4" + pad protection
Dust system	Non vacuum	Central vacuum ready	Self generated vacuum



ROS325NV

ROS325CV



ROS325DB

- Light
- Ergonomically designed
- Constructed of precision molded composites
- Manufactured of high tech materials that provide strength and durability
- Good weight/effect relation
- Low soundlevel
- Ideal for fine sanding operations
- Isolation prevents "white fingers"



Sanding tools and accessories

Random Orbital sanders

Model	ROS550CV	ROS525CV	ROS550DB
Code	8992700111	8992725111	8992800111
Size	125 mm	125 mm	125 mm
Weight	780 g	780 g	830 g (sander) 600 g (hose+dustbag)
Air consumption	481 l/min	481 l/min	481 l/min
Workpressure	6,2 Bar	6,2 Bar	6,2 Bar
Sound level	79 dBa	79 dBa	85 dBa
Power	240 W	240 W	240 W
Speed RPM	12000 rpm	12000 rpm	12000 rpm
Orbit	5 mm	2,5 mm	5 mm
Pad	Abranet 125 mm (5") grip 5/16" + pad protection	Abranet 125 mm (5") grip 5/16" + pad protection	Abranet 125 mm (5") grip 5/16" + pad protection
Dust system	Central vacuum ready	Central vacuum ready	Self generated vacuum



ROS550CV

ROS525CV

ROS550DB



Random Orbital sanders

Model	ROS650CV	ROS625CV
Code	8993000111	8993025111
Size	150 mm	150 mm
Weight	850 g	850 g
Air consumption	481 l/min	481 l/min
Workpressure	6,2 Bar	6,2 Bar
Sound level	77 dBa	83 dBa
Power	240 W	240 W
Speed RPM	12000 rpm	12000 rpm
Orbit	5 mm	2,5 mm
Pad	Abranet 150 mm (6") grip 5/16" + pad protection	Abranet 150 mm (6") grip 5/16" + pad protection
Dust system	Central vacuum ready	Central vacuum ready



ROS650CV



ROS625CV



Random Orbital sanders

Model	ROS650DB	ROS625DB	ROS125NV
Code	8993200111	8993225111	8992400111
Size	150 mm	150 mm	32 mm
Weight	880 g (sander) 600 g (hose+dustbag)	880 g (sander) 600 g (hose+dustbag)	480 g
Air consumption	481 l/min	481 l/min	425 l/min
Workpressure	6,2 Bar	6,2 Bar	6,2 Bar
Sound level	85 dBa	83 dBa	67 dBa
Power	240 W	240 W	112 W
Speed RPM	12000 rpm	12000 rpm	8000 rpm
Orbit	5 mm	2,5 mm	2,5 mm
Pad	Abranet 150 mm (6") grip 5/16" + pad protection	Abranet 150 mm (6") grip 5/16" + pad protection	1 pcs 34 mm velcro • 1 pcs 32 mm PSA 1/4"
Dust system	Self generated vacuum	Self generated vacuum	Non vacuum



ROS650DB



ROS125NV



ROS625DB





Mirka orbital sanders are ergonomically designed and constructed of precision molded composites. The orbital sanders are manufactured of lightweight hi-tech materials that provide optimal strength and guaranteed user comfort.

Mirka orbital sanders are developed especially for sanding with Abranet.

Orbital sanders

Model	OS343CV	OS343DB
Code	8991600111	8991610111
Size	75 x 100 mm	75 x 100 mm
Weight	720 g	720 g (sander) + 600 g (hose + dustbag)
Air consumption	453 l/min	453 l/min
Work pressure	6,2 Bar	6,2 Bar
Sound level	76 dBA	81 dBA
Power	179 W	179 W
Speed OPM	10 000 opm	10 000 opm
Orbit	3 mm	3 mm
Pad	75 x 100 mm (3 x 4") grip 33 holes + pad protection	75 x 100 mm (3 x 4") grip 33 holes + pad protection
Dust system	Central vacuum ready	Self generated vacuum



OS343CV



OS343DB



Orbital sanders

Model	OS353CV	OS353DB
Code	8991800111	8991810111
Size	81 x 133 mm	81 x 133 mm
Weight	850 g	850 g (sander) + 600 g (hose + dustbag)
Air consumption	453 l/min	453 l/min
Work pressure	6,2 Bar	6,2 Bar
Sound level	73 dBa	84 dBa
Power	179 W	179 W
Speed OPM	10 000 opm	10 000 opm
Orbit	3 mm	3 mm
Pad	81 x 133 mm (3 x 5") grip 54 holes + pad protection	81 x 133 mm (3 x 5") grip 54 holes + pad protection
Dust system	Central vacuum ready	Self generated vacuum



OS353CV



OS353DB



ROS and OS sanders spare part kits



**Rotor, Vanes and
Key kit for ROS and OS**
Code: 8993017711



**8000 rpm Muffler kit for
ROS 125 NV**
Code: 8993017111



**10000 rpm Muffler kit
for OS**
Code: 8993017211



**12000 rpm Muffler kit
for 77/125 / 150 mm**
Code: 8993017311



Air-inlet kit for ROS and OS
Code: 8993018811



**Endplate bearing kit
for ROS and OS**
Code: 8993019811



**Spindle bearing kit
for ROS 125 NV**
Code: 8993019511



**Spindle bearing kit
for 77 mm ROS /
75 x 100 mm OS machines**
Code: 8993019611



**Spindle bearing kit
for 125 / 150 mm ROS**
Code: 8993019711



**Spindle bearing kit
for 81 x 133 mm /
75 x 180 mm /
93 mm x 180 mm OS**
Code: 8993019411



**Speed valve kit
for ROS and OS**
Code: 8993019011

ROS and OS sanders spare part kits



CV Swivel fitting
19 mm kit for 77 mm for ROS
Code: 8993013611



CV Swivel fitting
28 mm kit for 125 / 150 mm ROS
Code: 8993006611



SGV Swivel fitting
28 mm kit for ROS and OS
Code: 8993011311



CV Swivel fitting
19mm kit for OS
Code: 8991600211



Shaft balancer kit
for 150 mm/ 5,0mm for ROS
Code: 8993010611



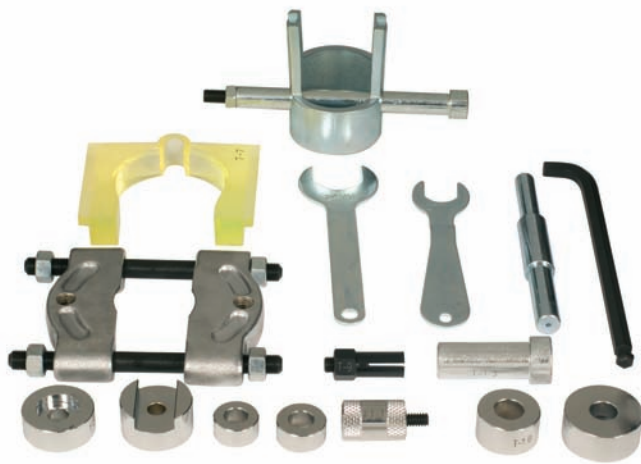
Cylinder and O-ring kit
for ROS and OS
Code: 8993009211



Lockring and O-ring kit
for ROS and OS
Code: 8993007911



Service tool kits



General service tool kit for ROS
Code: 8993006011



General service tool kit for OS
Code: 8991606011

ROS and OS sanders spare parts



**28 mm hose 1,8 m
for 125 / 150 mm ROS and
OS DB**

Code: 8993006711



**19 mm hose 1,5 m
for 77 mm ROS and
OS CV**

Code: 8993306711



**Dustbag Nylon
for DB-machines**

Code: 8993206011



**Disposable Dustbag paper
10-pack for DB-machines**

Code: 8993206511

10 pcs/pack



**Vacuum hose support belt
for DB-machines**

Code: 8993030011



**Lever for
150 mm / 2,5 mm ROS**

Code: 8993010911



**Lever for
150 mm / 5,0 mm ROS**

Code: 8993010811



**Housing for
125 mm / 150 mm ROS**

Code: 8993007511



Shroud for 125 mm ROS

Code: 8993006511



**Abranet shroud
for 150 mm ROS**

Code: 8993010011



ROS and OS sanders spare parts



Spindle for 77 mm ROS
Code: 8993010911



**Spindle for
125 / 150 mm ROS**
Code: 899311611



**Front end plate for
ROS and OS**
Code: 8993009411



**Rear endplate for
ROS and OS**
Code: 8993009311



Pad wrench for 77 mm ROS
Code: 8993008012



**Pad wrench for
125 / 150 mm ROS**
Code: 8993008011

This industrial vacuum cleaner is designed for dust-free sanding in combination with hand-sanding machines, hand-sanding blocks and the Mirka Deco Sander. The vacuum cleaner can also be used for cleaning workrooms. The vacuum cleaner has adjustable suction and automatic electrical start. The hose connection is earthed in order to eliminate static electricity in the hose. This vacuum cleaner should always be used with Mirka antistatic hoses.



Sanding tools and accessories

Vacuum cleaner

Technical data	415 (240 V)
Code	8999600111
Voltage	240 Volt
Mains frequency	50/60 Hz
Power consumption	1200 Watt
Volume flow (air)	3600 l/min
Vacuum	23000 max. Pa
Sound level	59 dB(A)
Tank volume	27 l
Dimension L x W x H	390 x 380 x 570 mm
Weight	10 kg



Coaxial hose 32 mm x 5,5 m
Code: 8992514511



Pneumatic box 415
Code: 8999601011



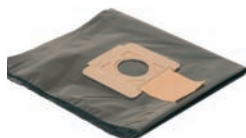
Dual operator kit
Code: 8992510211



Vacuum cleaner accessories



Paper dustbag
(5 pcs/package)
Code: 8999600211



Plastic dustbag
(5 pcs/package)
Code: 8999600311



Filter for cleaner
Code: 8999600411



Festo adapter hose
2,5 m
Code: 8992515011



Filter screen
Code: 8999600611



Files

Code	Product
7871100111	Hard metal files for denibbing 20 x 42 mm coarse/fine



Tools for roses kit

Code	Product
8392000111	2 pcs Firm model 31/35 mm PSA/Velcro
8392100111	2 pcs Soft model 31/31 mm PSA/Velcro



Tools for hand sanding

Code	Product
8392201011	Handblock 128 x 63 x 16 mm
8392102011	Soft dome pad 77 mm Velcro Center hole 22 mm





Backing Pads 1.25" / 1.31" 32 / 34 mm

Code	Product		
8294592311	1/4" • 32 mm	no holes PSA	packed 10 pcs/bag
8294591311	1/4" • 34 mm	no holes Velcro	packed 10 pcs/bag



8294592311



8294591311

Backing Pads 3" 77 mm

Code	Product		
8294791311	1/4"	no holes Velcro Medium	
8294791211	1/4"	3 holes Velcro Medium	



8294791311



8294791211

Backing Pads 5" 125 mm

Code	Product		
8295191511	5/16"	no holes Velcro Medium	
8295192111	5/16"	5 holes Velcro Medium	
8295191111	5/16"	5 holes PSA Medium	



8295191511



8295192111



8295191111



Backing Pads 6" 150 mm

Code	Product	
8295297111	5/16"	no holes Velcro Medium
8295297311	5/16"	no holes Velcro Soft
8295291111	5/16"	no holes PSA Medium
8295292111	5/16"	6 holes Velcro Medium
8297292111	5/16"	6 holes Velcro Soft
8295291211	5/16"	6 holes PSA Medium
8295290111	5/16"	6+1 holes Velcro Medium



8295297111



8295297311



8295291111



8295292111



8297292111



8295291211



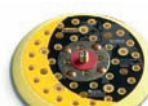
8295290111

Abranet Backing Pads

Code	Product	
8294791211	3" 77 mm	1/4" 3 holes Medium
8295592111	5" 125 mm	5/16" 44 holes Medium
8297592111	5" 125 mm	5/16" 44 holes Soft
8295595111	5" 125 mm	5/16" 49 holes Delta Medium
8295692111	6" 150 mm	5/16" 51 holes Medium
8297692111	6" 150 mm	5/16" 52 holes Soft
8295494111	6" 150 mm	5/16" + M8 Uni Pad 61 holes
8295895111	8" 200 mm	5 + 8 screwholes 25 holes



8294791211



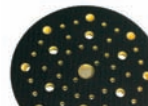
8295592111



8297592111



8295595111



8295692111



8297692111



8295494111

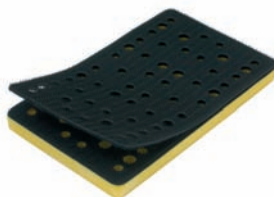
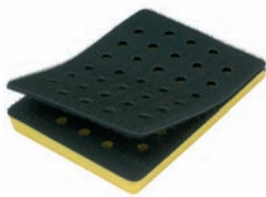


8295895111



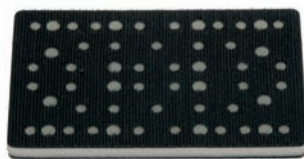
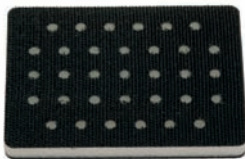
Backing Pads

Code	Product		
8295340111	75 x 100 mm	33 holes	Velcro
8295350111	81 x 133 mm	54 holes	Velcro



Interface

Code	Product	Thickness		
8299101011	75 x 100 mm	7 mm	33 holes	packed 5 pcs/bag
8299501011	81 x 133 mm	7 mm	54 holes	packed 5 pcs/bag





The 5, 7 or 10 mm thick **Interface pad** is used in combination with hook & loop sanding discs for sanding rounded surfaces and contours. Using the Interface pad will also produce a softer result. The Interface pad is placed between the backing pad of the sanding machine and the sanding disc.

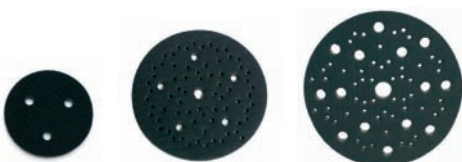
Interface

Code	Product	Thickness		
8295700511	77 mm	7 mm		packed 5 pcs/bag
8295800511	125 mm	7 mm	5 holes	packed 5 pcs/bag
8295900511	150 mm	7 mm		packed 5 pcs/bag
8296000511	150 mm	7 mm	15 holes	packed 5 pcs/bag



Multi Interface for Abranet

Code	Product	Thickness		
8294700111	73 mm	5 mm	3 holes	packed 5 pcs/bag
8295500111	120 mm	10 mm	44 holes	packed 5 pcs/bag
8295600111	145 mm	10 mm	67 holes	packed 5 pcs/bag



Interface for hand sanding blocks

Code	Product	Thickness		
8299601011	70 x 125 mm	7 mm	13 holes	packed 5 pcs/bag
8299701011	70 x 198 mm	7 mm	22 holes	packed 5 pcs/bag
8299901011	115 x 230 mm	7 mm	32 holes	packed 5 pcs/bag



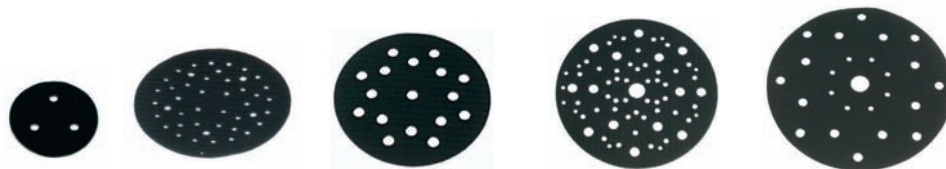
The Pad Protection disc is designed to protect the backing pad of the sanding machine from wear and tear, when sanding aggressively and continuously with Abranet. This cost effective Pad Protection disc, positioned between the backing pad and sanding disc, should be changed regularly and will prolong the life of the backing pad. **The vacuum block disc** should be used if the vacuum dust extraction cannot be disconnected during wet sanding. The vacuum block disc protects your sander and dust extraction system, since it prevents moisture from entering the sander.



Sanding tools and accessories

Pad Protection discs with holes

Code	Product		
8294710111	73 mm	3 holes	packed 5 pcs/bag
8295510111	120 mm	44 holes	packed 5 pcs/bag
8295511011	125 mm	8/8+1 holes	packed 5 pcs/bag
8295610111	145 mm	67 holes	packed 5 pcs/bag
8296810111	200 mm	25 holes	packed 3 pcs/bag



Vacuum block discs

Code	Product		
8294720111	73 mm	no holes	packed 5 pcs/bag
8295520111	120 mm	no holes	packed 5 pcs/bag
8295620111	145 mm	no holes	packed 5 pcs/bag



Pad Protector for strips

Code	Product		
8299102011	75 x 100 mm	33 holes	packed 5 pcs/bag
8299502011	81 x 133 mm	54 holes	packed 5 pcs/bag
8299402011	93 x 180 mm	76 holes	packed 5 pcs/bag
8299512011	115 x 230 mm	10 holes	packed 5 pcs/bag
8299522011	70 x 400 mm	14 holes	packed 5 pcs/bag





These hand-sanding blocks are especially designed for hand sanding with Abranet, but can also be used in combination with other velcro products. The hand-sanding blocks are connected to a dust extraction system by hose to ensure dust-free sanding.

The flexible hand-sanding pads are used together with Abranet, or another hook & loop product, to ensure smooth and flexible sanding.

Hand sanding blocks

Code	Product
8391400111	Hand block • 70 x 125 mm • 13 holes
8391500111	Hand block • 70 x 198 mm • 22 holes
8391700111	Hand block • 115 x 230 mm • 32 holes
8391100111	Hand file • 70 x 400 mm • 53 holes
8391110111	Hose • 20 mm x 4 m
8391111111	Hose adapter • 20/30 mm



Hand pads

Code	Product	
8390320111	145 mm	1 pcs/bag
8390340111	115 x 140 mm	1 pcs/bag



The Deco Sander telescopic sanding tool makes the sanding of walls and ceilings faster, more effective and dust-free. Dust is removed through the holes in the sanding tool straight to the vacuum cleaner. This makes the work faster because sanding is now easier and no time has to be spent on protecting the surroundings from dust.



Sanding tools and accessories

Deco Sander package content:

Code	Product	
8393000111	Antistatic Telescopic tube with sanding tool	1 pcs
	Antistatic Hose • 25,4 / 32 mm x 4 m	1 pcs
	Abranet – sanding strips • 70 x 198 mm • #120	3 pcs
	(Deco Sander) Adapter	1 pcs

The telescopic tube and hose are antistatic in order to eliminate sparks and flashovers.



coupling 58 mm

Spare parts

Code	Product	
8393001411	Antistatic Hose • 25,4 / 32 mm x 4 m	1 pcs
8393001011	Sanding tool • 70 x 198 mm • 113 holes	1 pcs
8393001211	Antistatic tube • max 2,3 m	1 pcs
8393001511	Adapter	1 pcs



coupling 58 mm





Polisher

Technical data	PS1437 150 mm
Code	8991300111
Voltage	230 Volt
Power consumption	1400 Watt
Speed	1100–3700 rpm.
Thread	M14/22,23
Sound level	84 dBa
Weight	1,9 kg

- Includes a bail handle and a side handle
- Pad not included
- Stepless switch and preselection of rotational speed in order to achieve optimal speed



Mirka has a complete range of polishing products including polishing compounds, polishing and backing pads. The products are suitable for polishing within automotive refinishing as well as vehicle and marine industries.

For more detailed information see the separate brochures: Polishing solutions for automotive refinishing and Polishing solutions for marine industry.



Sanding tools and accessories

Polishing products



KWH Mirka Ltd

FIN-66850 JEPPÖ
Finland
Tel: +358-20-760 2111
sales@mirka.com

Mirka Abrasives, Inc.

7950 Bavaria Road
Twinsburg, Ohio 44087
USA
Tel. +1-330-963-6421

Mirka Slipmaterial AB

Blekegatan 4
S-65221 Karlstad
Sweden
Tel. + 46-54-690950
sales.se@mirka.com

Mirka Abrasives Ltd

Unit 7
Holdom Avenue, Bletchley
Milton Keynes MK1 1QU
Great Britain
Tel. +44-1908-375533
sales.uk@mirka.com

Mirka Abrasifs s.a.r.l.

Immeuble Atria
2, Allée Bienvenue
F-93885 Noisy le Grand Cedex
France
Tel. +33-1-4305 4800
ventes.fr@mirka.com

Mirka Schleifmittel GmbH

Niederhöchstädter Str. 71-73
D-61476 Kronberg Ts.
Germany
Tel. +49-6173-93450
info@mirka.de

Mirka Italia s.r.l

Via Toscana, 20
62014 Corridonia-Macerata
Italy
Tel. +39-0733-2075
info@mirkaitalia.com

Mirka Iberica.S.A.U

C/Industria 16-18
08740 Sant Andreu de la
Barca (Barcelona)
Spain
Tel. + 34 93 682 09 62
mirkaiberica@mirka.com

Mirka Asia Pacific Pte Ltd

10 Anson Road #28-05A
International Plaza
Singapore 079903
sales.sg@mirka.com

www.mirka.com

KWH Mirka Mexicana S.A. de C.V.

Boulevard Atlixcayotl No. 5506, Piso 5
Entre Kepler y Avenida del Sol
Reserva Territorial Atlixcayotl
Puebla, Puebla, C.P. 72190
Mexico.
Tel. +52 551 953 2019

KWH Mirka Ltd.

(Shanghai Representative Office)
Suite 1906A, Shenergy International
Building 1 Fuxing Rd(M),
Shanghai 200021 China
Tel. +86-21-6391 9371
sales.cn@mirka.com

Mirka Brasil Ltda.

Av. Ver. José Diniz, 3725 cj.32 – Campo Belo
São Paulo – SP
04603-004 Brasil
Tel. +55 11 5543 3639
Fax: +55 11 5543 3698

KWH Mirka Ltd Eesti filiaal

Tondi 68
11316 Tallinn
Estonia
Tel. + 3726773699



Quality from start to finish