



Distributed in the Interest
of Product Development

VANDERBILT

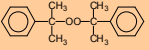
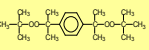
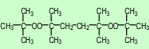
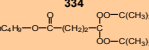
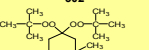
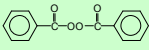
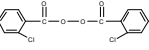
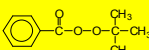
Brochure

VAROX[®] crosslinking agent Peroxides for the Rubber and Plastics Industries

R.T. Vanderbilt Company, Inc.
30 Winfield Street, P.O. Box 5150, Norwalk, CT 06856-5150
Telephone: (203) 853-1400
Fax: (203) 853-1452, Web Site: www.rtvanderbilt.com

Before using, read, understand and comply with the information and precautions in the Material Safety Data Sheets, label and other product literature. The information presented herein, while not guaranteed, was prepared by technical personnel and, to the best of our knowledge and belief, is true and accurate as of the date hereof. No warranty, representation or guarantee, express or implied, is made regarding accuracy, performance, stability, reliability or use. This information is not intended to be all-inclusive, because the manner and conditions of use, handling, storage and other factors may involve other or additional safety or performance considerations. The user is responsible for determining the suitability of any material for a specific purpose and for adopting such safety precautions as may be required. R.T. Vanderbilt Company, Inc. does not warrant the results to be obtained in using any material, and disclaims all liability with respect to the use, handling or further processing of any such material. No suggestion for use is intended as, and nothing herein shall be construed as, a recommendation to infringe any existing patent, trademark or copyright or to violate any federal, state or local law or regulation.

VAROX[®] crosslinking agent Peroxides for the Rubber and Plastics Industries

Specifications							Safety and Physical Properties					
Product	Peroxide Class	Generic Name, Structure, Molecular Weight	Assay (%)	Active Oxygen (%)	Physical Form	Diluent, Filler or Binder	Melting Point Temp °F (°C)	SADT ⁽¹⁾ °F (°C) pack size	Flash Point °F (°C) OPEN CUP	Specific Gravity (cm ³ @ °C) or Bulk Density	Typical Decomposition Products in Inert Media	
Varox DCP	Dialkyl	Dicumyl Peroxide M.W. 270.37	98.0 min	5.80 - 5.92	Free Flowing Powder	None	100.4 (38)	196 (91) (40# pail)	>392 (200)	1.04 @ 20	Methane Acetophenone Cumyl Alcohol	
Varox DCP-40C	Dialkyl		39.5 - 41.5	2.34 - 2.46	Free Flowing Powder	CaCO ₃	NA	(2)	>194 (>90)	1.60 @ 20		
Varox DCP-40KE	Dialkyl		39.5 - 41.5	2.34 - 2.46	Free Flowing Powder	Burgess KE Clay	NA	(3)	>194 (>90)	1.59 @ 20		
Varox VC-R	Dialkyl	α, α'-Di-(t-butylperoxy)diisopropylbenzene M.W. 338.48	97.0 min	9.08 min	Semi-crystalline Solid @ 25°C	None	122 (50)	196 (91) estimated	168.8 (76)	0.952 @ 25	Methane Acetone t-Butyl Alcohol Ethane Mixture of Aromatic Alcohols and Ketones	
Varox 802-40C	Dialkyl		39.5 - 41.5	3.74 - 3.93	Free Flowing Powder	CaCO ₃	NA	196 (91)	264.2 (129)	1.60 @ 20		
Varox 802-40KE	Dialkyl		39.5 - 41.5	3.74 - 3.93	Free Flowing Powder	Burgess KE Clay	NA	196 (91) estimated	264.2 (129)	1.48 @ 20		
Varox DBPH	Dialkyl	2,5-dimethyl-2,5-Di-(t-butylperoxy)hexane M.W. 290.44	93.0 - 95.0	10.25 - 10.47	Liquid	None	46.4 (8)	187 (86) (30# ctn)	109 (43)	0.8650 @ 25	Methane Ethane Ethylene Acetone t-Butyl Alcohol	
Varox DBPH-50	Dialkyl		45.0 - 48.0	4.96 - 5.29	Free Flowing Powder	CaCO ₃ Silica	>320 (160)	180 (82) (100# ctn)	Not Determined	-		
Varox DBPH-50 EZD	Dialkyl			45.0 - 48.0	4.96 - 5.29	Free Flowing Powder	Silica	>320 (160)	180 (82) (100# ctn)	Not Determined		-
Varox DBPH-50-HP	Dialkyl		42.2 - 45.5	4.68 - 5.01	Free Flowing Powder	CaCO ₃ Silica	>320 (160)	180 (82) (100# ctn)	Not Determined	-		
Varox DBPH-P20	Dialkyl		19.0 - 21.0	2.09 - 2.31	Free Flowing Powder	Poly-Propylene	>320 (160)	180 (82)	Not Determined	-		
Varox 130 XL	Dialkyl	2,5-dimethyl-2,5-Di-(t-butylperoxy)hexyne-3 M.W. 286.41	45.0 - 48.0	5.03 - 5.36	Free Flowing Powder	CaCO ₃	-	190 (88) (100# ctn)	188.6 (87)	1.26	Methane Ethane Carbon Monoxide Carbon Dioxide Acetone t-Butyl Alcohol	
Varox 230XL	Peroxyketal	n-Butyl 4,4-Di-(t-butylperoxy)-valerate 334 	38.5 - 41.5	3.68 - 3.97	Free Flowing Powder	CaCO ₃ Micro Cel E	-	140 (60) (20lb ctn)	Not Determined	1.41	Methane Butyl Propionate Butyl Levulinate Carbon Dioxide Acetone t-Butyl Alcohol	
Varox 231	Peroxyketal	1,1 bis-(t-butylperoxy)-3,3,5-trimethyl-cyclohexane 302 	92.0 min	9.73 min	Liquid	None	-	151 (66) (35# ctn)	114 (46)	0.9345 @ 25	Methane Trimethyl-Cyclopentane, 3,3,5-Trimethyl-Cyclohexanone, CO ₂ Acetone t-Butyl Alcohol	
Varox 231XL	Peroxyketal		38.5 - 41.5	4.07 - 4.38	Free Flowing Powder	CaCO ₃ Micro Cel E	-	140 (60) (100lb ctn)	Not Determined	1.41		
Varox A75	Diacyl	Dibenzoyl Peroxide 242 	73.0 - 77.0	4.82 - 5.09	Granular	Water	-	159 (71) (50# ctn)	215.6 (102)	-	Methane Butyl Propionate Butyl Levulinate Carbon Dioxide Acetone t-Butyl Alcohol	
Varox ANS	Diacyl		55.0 - 58.0	3.63 - 3.83	Paste	BBP and Filler	467.6 (242)	129 (54) (350# FP)	Not Determined	1.22		
Varox DCBP-50	Diacyl	Di-(2,4-dichlorobenzoyl peroxide) 	49 - 51	4.21	White Paste	Silicone Oil	-	140 (60)	Not Determined	1180 kg/m ³	2,4-dichlorobenzoic acid, 2,4-dichlorobenzene, carbon dioxide, carbon monoxide	
Varox TBPB	Peroxyester	t-butyl Perbenzoate M.W. 194 	98.0	8.1 min	Liquid	None	47.3 (8.5)	145 (63) (40# ctn)	192.2 (89)	1.042	methane acetone t-butyl alcohol benzoic acid	
Varox TBPB-50	Peroxyester		49.5 - 51.5	4.08 - 4.24	White Powder	CaCO ₃ Silica	-	145 (63) (40# ctn)	192.2 (89)	1.042		

⁽¹⁾ Self-Accelerating Decomposition Temperature, ASTM/UN Method

⁽²⁾ The suggested maximum compounding temperature is the temperature at which the scorch time is equal to 5 minutes.

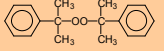
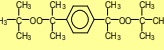
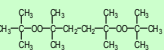
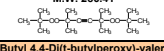
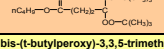
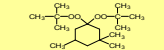
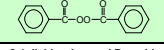
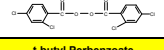
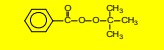
⁽³⁾ Assumed to be similar to Varox DCP

All MSDSs and specification data can be viewed on, and downloaded from, our website at www.rtvanderbilt.com

Varox is a registered trademark of R.T. Vanderbilt Company, Inc.

rev.10/05/2007

VAROX[®] crosslinking agent Peroxides for the Rubber and Plastics Industries

Specifications				Half-Life Temperatures			Compounding Information																
Product	Generic Name Peroxide Structure Molecular Weight	Assay (%)	Active Oxygen (%)	1 Min Half-Life Temp. °F(°C)	10 Min Half-Life Temp. °F(°C)	1 Hr Half-Life Temp. °F(°C)	Suggested Cure and Compounding Temperatures and Suggested Loading Levels in pphr rubber																
							Suggested Cure Temps. °F (°C)	Suggested Maximum Compounding Temp. ²⁾ °F (°C)	CPE	CR	EPDM	EVA	FKM	HDPE	NBR	LDPE	NBR	NR or IR	Q	SBR			
Varox DCP	 Dicumyl Peroxide M.W. 270.37	98.0 min	5.80 - 5.92	352(178)	315(157)	279(137)	310 - 390 (154 - 199)	266(130)	2.4 - 3.8	2.4 - 3.8	0.8 - 1.6	2.4 - 5.4	1.2 - 2.0	-	-	-	2.2 - 4.2	1.5 - 2.5	0.9 - 1.7	0.8 - 1.6	0.4 - 0.9	0.7 - 1.5	
Varox DCP-40C		39.5 - 41.5	2.34 - 2.46	352(178)	315(157)	279(137)	310 - 390 (154 - 199)	266(130)	6.0 - 14.0	6.0 - 14.0	2.0 - 4.0	6.0 - 14.0	-	-	-	-	5.5 - 10.5	-	2.3 - 4.3	2.0 - 4.0	1.0 - 2.0	1.7 - 3.7	
Varox DCP-40KE		39.5 - 41.5	2.34 - 2.46	352(178)	315(157)	279(137)	310 - 390 (154 - 199)	266(130)	6.0 - 14.0	6.0 - 14.0	2.0 - 4.0	6.0 - 14.0	-	-	-	-	5.5 - 10.5	-	2.3 - 4.3	2.0 - 4.0	1.0 - 2.0	1.7 - 3.7	
Varox VC-R	 α, α' -Di(t-butylperoxy)-diisopropylbenzene M.W. 338.48	97.0 min	9.08 min	358(181)	315(157)	282(139)	320 - 400 (160 - 204)	282(139)	1.5 - 2.4	1.5 - 2.4	0.5 - 1.0	1.6 - 3.4	0.8 - 1.6	-	-	-	1.4 - 2.4	1.2 - 1.8	0.5 - 1.5	0.5 - 1.0	0.2 - 0.5	0.4 - 1.0	
Varox 802-40C		39.5 - 41.5	3.74 - 3.93	358(181)	315(157)	282(139)	320 - 400 (160 - 204)	282(139)	3.8 - 6.0	3.8 - 6.0	1.3 - 2.5	4.0 - 8.0	-	-	-	-	3.4 - 6.1	-	1.3 - 3.8	1.3 - 2.5	0.5 - 1.0	0.4 - 1.0	
Varox 802-40KE		39.5 - 41.5	3.74 - 3.93	358(181)	315(157)	282(139)	320 - 400 (160 - 204)	282(139)	3.8 - 6.0	3.8 - 6.0	1.3 - 2.5	4.0 - 8.0	-	-	-	-	3.4 - 6.1	-	1.3 - 3.8	1.3 - 2.5	0.5 - 1.0	0.4 - 1.0	
Varox DBPH	 2,5-dimethyl-2,5-Di-(t-butylperoxy)hexane M.W. 290.44	93.0 - 95.0	10.25 - 10.47	358(181)	315(157)	284(140)	320 - 400 (160 - 204)	293(145)	2.5 - 4.0	2.5 - 4.0	0.5 - 1.4	1.7 - 3.4	1.0 - 1.2	-	-	-	2.5 - 4.7	2.0 - 2.0	1.1 - 2.0	0.8 - 1.6	0.4 - 0.9	0.4 - 1.0	
Varox DBPH-50		45.0 - 48.0	4.96 - 5.29	358(181)	315(157)	284(140)	320 - 400 (160 - 204)	293(145)	5.6 - 8.9	5.6 - 8.9	1.0 - 3.0	3.8 - 7.6	2.0 - 5.0	-	-	-	5.5 - 10.5	-	2.4 - 4.4	2.0 - 4.0	0.9 - 2.0	1.6 - 2.7	
Varox DBPH-50 EZD		45.0 - 48.0	4.96 - 5.29	358(181)	315(157)	284(140)	320 - 400 (160 - 204)	293(145)	5.6 - 8.9	5.6 - 8.9	1.0 - 3.0	3.8 - 7.6	2.0 - 5.0	-	-	-	5.5 - 10.5	-	2.4 - 4.4	2.0 - 4.0	0.9 - 2.0	1.6 - 2.7	
Varox DBPH-50-HP		42.2 - 45.5	4.68 - 5.01	358(181)	315(157)	284(140)	320 - 400 (160 - 204)	302(150)	-	-	-	-	1.2 - 2.5	-	-	-	-	-	-	-	-	-	-
Varox DBPH-P20		19.0 - 21.0	2.09 - 2.31	358(181)	315(157)	284(140)	320 - 400 (160 - 204)	293(145)	-	-	-	-	1.2 - 2.5	1.5 - 3.0	-	-	-	-	4.0 - 8.0	-	-	-	-
Varox 130 XL	 2,5-dimethyl-2,5-Di-(t-butylperoxy)hexyne-3 M.W. 286.41	45.0 - 48.0	5.03 - 5.36	381(194)	336(169)	306(152)	340 - 420 (171 - 215.5)	305.6(152)	5.6 - 8.9	5.6 - 8.9	1.0 - 3.0	3.8 - 7.6	2.0 - 5.0	1.2 - 2.5	-	-	5.5 - 10.5	-	2.4 - 4.4	2.0 - 4.0	0.9 - 2.0	1.6 - 2.7	
Varox 230XL	 n-Butyl 4,4-Di(t-butylperoxy)-valerate M.W. 334	38.5 - 41.5	3.68 - 3.97	337.6(169.8)	294.3(145.7)	263.8(128.8)	266 - 347 (130 - 175)	230(110)	3.5 - 6.5	3.5 - 6.5	1.1 - 3.5	7.5 - 13.0	3.5 - 6.5	-	-	-	7.5 - 13.0	-	3.0 - 5.5	2.5 - 5.0	-	2.0 - 4.5	
Varox 231	 1,1 bis-(t-butylperoxy)-3,3,5-trimethyl-cyclohexane M.W. 302	92.0 min	9.73 min	307(153)	268(131)	239(115)	280 - 360 (138 - 182)	221(105)	3.0 - 7.0	3.0 - 7.0	0.2 - 1.0	1.5 - 3.0	2.0 - 3.0	-	-	-	1.5 - 3.0	-	1.2 - 2.5	1.0 - 2.0	-	0.5 - 2.0	
Varox 231XL		38.5 - 41.5	4.07 - 4.38	307(153)	268(131)	239(115)	280 - 360 (138 - 182)	221(105)	7.5 - 14.0	7.5 - 14.0	0.5 - 2.0	3.5 - 6.5	4.0 - 5.8	-	-	-	3.5 - 6.5	-	2.5 - 5.0	2.2 - 4.3	-	1.8 - 4.0	
Varox A75	 Dibenzoyl Peroxide M.W. 242	73.0 - 77.0	4.82 - 5.09	267.2(130)	226(107.8)	197.1(91.7)	200 - 280 (93 - 137.7)	197.1(91.7)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Varox ANS		55.0 - 58.0	3.63 - 3.83	267.2(130.7)	226(107.8)	197.1(91.7)	200 - 280 (93 - 137.7)	197.1(91.7)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Varox DCBP-50	 2,4 dichlorobenzoyl Peroxide M.W. 230.4	49 - 51	4.21	267.2(115.7)	226(92.8)	197.1(76.7)	194 - 212 (90 - 100)	167.0(75.0)	-	-	-	-	-	-	-	-	-	-	-	-	0.3 - 1.0	1.1 - 2.3	
Varox TBPB	 t-butyl Perbenzoate M.W. 194	98.0	8.1 min	339.5 (170.8)	291.2 (144)	257 (125)	265 - 345 (129 - 173.8)	257 (125)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Varox TBPB-50		49.5 - 51.5	4.08 - 4.24	339.5 (170.8)	291.2 (144)	257 (125)	265 - 345 (129 - 173.8)	257 (125)	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6 - 1.2	0.3 - 0.6

¹⁾ Self-Accelerating Decomposition Temperature, ASTM/UN Method

²⁾ The suggested maximum compounding temperature is the temperature at which the scorch time is equal to 5 minut

All MSDSs and specification data can be viewed on, and downloaded from, our website at www.rtvanderbilt.com

Varox is a registered trademark of R.T. Vanderbilt Company, Inc.

rev.10/05/2007

VAROX[®] crosslinking agent Peroxides for the Rubber and Plastics Industries

Product	Peroxide Class	Generic Name, Structure, Molecular Weight	Assay (%)	Active Oxygen (%)	Physical Form	Diluent, Filler or Binder	Maximum Storage Temp. °F (°C)	C.A.S. Registry Number ⁽¹⁾	Standard Container	Pallet Weight	DOT Hazard Class
Varox DCP	Dialkyl	 <p>Dicumyl Peroxide M.W. 270.37</p>	98.0 min	5.80 - 5.92	Free-Flowing Powder	None	86 (30)	80-43-3	44.092 lb Fiber Box	1543.22 lbs	Organic Peroxide Type F Solid; 5.2; UN3110; PGI
Varox DCP-40C	Dialkyl		39.5 - 41.5	2.34 - 2.46	Free-Flowing Powder	CaCO ₃	100 (38)	80-43-3 471-34-1	44.092 lb Fiber Box	1543.22 lbs	Not regulated
Varox DCP-40KE	Dialkyl		39.5 - 41.5	2.34 - 2.46	Free-Flowing Powder	Burgess KE Clay	100 (38)	80-43-3 66402-68-4	44.092 lb Fiber Box	1543.22 lbs	Not regulated
Varox VC-R	Dialkyl	 <p>α, α'-Di-(t-butylperoxy)-diisopropylbenzene M.W. 338.48</p>	97.0 min	9.08 min	Semi-crystalline Solid @ 25°C	None	86 (30)	25155-25-3	44.092 lb Fiber Box	1543.22 lbs	Organic Peroxide Type D, Solid (Di(2-tert-butylperoxyisopropyl)benzene), 5.2, UN: 3106, PG: II
Varox 802-40C	Dialkyl		39.5 - 41.5	3.74 - 3.93	Free-Flowing Powder	CaCO ₃	100 (38)	25155-25-3 471-34-1	44.092 lb. Fiber Box	1543.22 lbs.	Not regulated
Varox 802-40KE	Dialkyl		39.5 - 41.5	3.74 - 3.93	Free-Flowing Powder	Burgess KE Clay	100 (38)	25155-25-3 66402-68-4	44.092 lb. Fiber Box	1543.22 lbs.	Not regulated
Varox DBPH	Dialkyl	 <p>2,5-dimethyl-2,5-Di-(t-butylperoxy)hexane M.W. 290.44</p>	93.0 - 95.0	10.25 - 10.47	Liquid	None	86 (30)	78-63-7	35 lb. Pail 100 lb. FD	1575 lbs. 900 lbs.	Organic Peroxide Type D, Liquid, 5.2, UN: 3105, PG II
Varox DBPH-50	Dialkyl		45.0 - 48.0	4.96 - 5.29	Free-Flowing Powder	CaCO ₃ Silica	100 (38)	78-63-7 471-34-1	50 lb. Fiber Box	1350 lbs.	Organic Peroxide Type E, Solid, 5.2, UN: 3108, PG II
Varox DBPH-50 EZD	Dialkyl		45.0 - 48.0	4.96 - 5.29	Free-Flowing Powder	Silica	100 (38)	78-63-7 471-34-1	50 lb. Fiber Box	1350 lbs.	Organic Peroxide Type E, Solid, 5.2, UN: 3108, PG II
Varox DBPH-50-HP	Dialkyl		42.2 - 45.5	4.68 - 5.01	Free-Flowing Powder	CaCO ₃ Silica	100 (38)	78-63-7 471-34-1	50 lb. Fiber Box	1350 lbs.	Organic Peroxide Type E, Solid, 5.2, UN: 3108, PG II
Varox DBPH-P20	Dialkyl		19.0 - 21.0	2.09 - 2.31	Free-Flowing Powder	Polypropylene	100 (38)	78-63-7 9003-07-0	50 lb. Fiber Box	1350 lbs.	Organic Peroxide Type E, Solid, 5.2, UN: 3108, PG II
Varox 130 XL	Dialkyl	 <p>2,5-dimethyl-2,5-Di-(t-butylperoxy)hexyne-3 M.W. 286.41</p>	45.0 - 48.0	5.03 - 5.36	Free-Flowing Powder	CaCO ₃	100 (38)	1068-27-5 471-34-1	50 lb. Fiber Box	1350 lbs.	Organic Peroxide Type D, Solid (2,5-Dimethyl-2,5-di-(tert-butylperoxy)hexyne-3, 45%), 5.2, UN: 3106, PG: II
Varox 230XL	Peroxyketal	 <p>n-Butyl 4,4-Di-(t-butylperoxy)valerate M.W. 334</p>	38.5 - 41.5	3.68 - 3.97	Free-Flowing Powder	CaCO ₃ Micro Cel E	100 (38)	995-33-5 471-34-1	50 lb. Fiber Box	1350 lbs.	Organic Peroxide Type E, Solid, (40% n-butyl-4,4-bis(t-butylperoxy)valerate), 5.2, UN: 3108, PGI
Varox 231	Peroxyketal	 <p>1,1 bis-(t-butylperoxy)-3,3,5-trimethyl-cyclohexane M.W. 302</p>	92.0 min	9.73 min	Liquid	None	90 (32)	6731-36-8	35 lb. Pail	1680 lbs.	Organic Peroxide Type B Liquid, 5.2, UN 3101, PG II
Varox 231XL	Peroxyketal		38.5 - 41.5	4.07 - 4.38	Free-Flowing Powder	CaCO ₃ Micro Cel E	90 (32)	6731-36-8 471-34-1	50 lb. Fiber Box	1350 lbs.	Organic Peroxide Type F Solid, 5.2, UN 3110, PG II
Varox A75	Diacyl	 <p>Dibenzoyl Peroxide M.W. 242</p>	73.0 - 77.0	4.82 - 5.09	Granular	Water	100 (38)	94-36-0 7732-18-5	25 lb. Fiber Box	750 lbs.	Organic Peroxide Type C, Solid (Dibenzoyl peroxide, <77%), 5.2, UN: 3104, PG: II
Varox ANS	Diacyl		55.0 - 58.0	3.63 - 3.83	Paste	BBP and Filler	100 (38)	94-36-0	40 lb. Pail	1080 lbs.	Organic Peroxide Type D, Solid (dibenzoyl per-oxide), 5.2, UN: 3106, PG: II
Varox DCPB-50	Diacyl	 <p>2,4-dichlorobenzoyl Peroxide M.W. 230.4</p>	49 - 51	4.21	Paste	Silicone Oil	86 (30)	133-14-2			Organic Peroxide Type E Solid; Hazard Code 5.2; UN3106; PGI Organic Peroxide Type C, Liquid (tert-
Varox TBPB	Peroxyester	 <p>t-butyl Perbenzoate M.W. 194</p>	98.0	8.1 min	Liquid	None	100 (38)	614-45-9	40 lb. Pail	1440 lbs.	Butyl peroxybenzoate), 5.2, UN 3103, PG II
Varox TBPB-50	Peroxyester		49.5 - 51.5	4.08 - 4.24	White Powder	CaCO ₃ Silica	100 (38)	614-45-9 7631-86-9 471-34-1	50 lb. Fiber Box	1350 lbs.	Organic peroxide, Type D, Solid (tert-butyl peroxybenzoate, 50%), 5.2, UN: 3106, PG: II

⁽¹⁾ The first number refers to the peroxide, followed by that of the filler.

All MSDSs and specification data can be viewed on, and downloaded from, our website at www.rtvanderbilt.com
Varox is a registered trademark of R.T. Vanderbilt Company, Inc.

rev.10/05/2007

**For additional information regarding our
high quality minerals and chemicals,
please visit our website:**

www.rtvanderbilt.com

- Technical data sheets
- MSDS information
- Sample requests
- Specifications
- Product brochures
- Articles
- Presentations
- Reports