

Tech Note

Technical Notes from the Technical Committee, NIBA – The Belting Association

#8 Compound Comparison Guide Conveyor Belting

Compound Cross Reference By Manufacturer (Heavy Duty Belting)

Compound	General Purpose			Oil Resistant				
	High Abrasion	RMA Grade I	RMA Grade II	Moderate Oil Resistance	Moderate Oil Resistance	Moderate Oil Resistance	Maximum Oil Resistance	Low Temperature Resistant
Manufacturer								
Bando	SAR	Grade-M	Grade-N	OR220			OR210	(BA-5)
Contitech	SAR	Abrasion Resistant Plus DuraStar	Abrasion Resistant	Contiflex Oil MG	Contiflex Oil GU		Contiflex Oil GY	Contiflex Oil GR
Depreux	Delta – SH	Delta-grade 1	Delta-grade II	Deltafat G1			Deltafat G2	
Garlock		Dulon 600	Dulon Grade II	VOR	Nitrile	ROR		
Georgia Duck	HARC	GRA 1	GRA 2	MOR	ORN	SOR	SOR	LTMO
Goodyear	Survivor Premarc Global X	Stacker	Style B II	MORS	Pathfinder Supreme	Chemigum ORS-Wingprene	Gorilla Chemivic	LTORS
Hsin Yung Chien	HARC	Grade 1	Grade 2	OR-300	OR-315	OR-350		
Legg		GI GI-P	XT-GII	XT-MOR	XT-OR	VOR		Above
Phoenix	MVF/W-Plus/W	Grade X	Grade 2	MOR			Grade G	
Probelt	SAR-	G-180	G-150	OR				



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	180 G-240							
Price Rubber	#29 HyFlex	#21 RMA #1	#22 RMA #2	#24 MOR	#61 Nitrile	#61 Nitrile		
Scandura	Giant SAR	Matchle ss	Giant	MOR	ORN		ORP	MCWOR
Semperit	VF	RMA 1	RMA 2 Superfl ex RMA 2 Econo my	MOR			VOR	
U. S. Rubber	SAR	RMA 1	RMA 2	MOR			SOR	Above

	Hot Asphalt Service	Fire Resistant				
Compound	Heat & Oil Resistant	Above Ground MSHA	Above Ground MSHA-High Abrasion	Undergroun d MSHA	Undergroun d MSHA- High Abrasion	Canadian Standards Association
Manufacturer						
Bando		FR300U		FR300U		
Contitech	Vulkan TG	MSHA-AR		MSHA-AR		FR
Depreux		MSHA		MSHA		
Garlock	Heat King OR	Flame Out SBR				



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Georgia Duck	OHR	Power Plus- Low Extraction	Power Plus	M/FR	Mine Plus	CSA
Goodyear	Thermo- Chem HTORS CHEM-X	ARMA- SBR	ARMA- SBR Plus	ARMA	ARMA II	FRAS-C
Hsin Yung Chien	HOR	FR-SBR	FR-HA	FR		
Legg		MSHA		MSHA		
Phoenix			MSHA-AG		MSHA-UG	
Probelt	OR & HR	FR		FR		
Price Rubber	#61 Nitrile	#36 MSHA SBR	#32-A MSHA/ Abrasion	#33 MSHA SBR	#32 MSHA/ Abrasion	
Scandura	Sahara OR	MSHA-FF	MSHA- FFAR	MSHA F	MSHA-FAR	CSA C/CSA C FFAR
Semperit	Hot Asphalt	MSHA	MSHA/LOB A	MSHA	MSHA/LOB A	
U. S. Rubber	HOS	MSHA LT	MSHA HA	MSHA LT	MSHA HA	



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Fire & Oil Resistant					
Compound	Power Plant		Grain		
	Moderate Oil Resistant-MSHA	Maximum Oil Resistant-MSHA	Moderate Oil Resistant-MSHA	Maximum Oil Resistant-MSHA	Low Temperature Fire & Oil Resistant
Manufacturer					
Bando	FR410M		FR410M		FR410M
Contitech	Contiflex GS				
Depreux					
Garlock	Flame Out OR I	Flame Out OR II	FAVOR	FAVOR OR II	
Georgia Duck	FOR	SOFR	CGH	UGH	LTFOR
Goodyear	Omega	FRAS		Pathfinder Supreme	Pathfinder Plus
Hsin Yung Chien	FR-OR-SC		FR-OR-SC		
Legg			GH or GHP	GHS	All
Phoenix	Grade-S & V				
Probelt					



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Price Rubber	#35 MSHA/Nitrile	#35 MSHA/Nitrile	#35 MSHA/Nitrile	#35 MSHA/Nitrile	#35 MSHA/Nitrile
Scandura	FORN	FORP	FORN	FORP	FFOR
Semperit	MSHA MOR		MSHA MOR		
U. S. Rubber	MSHA MOR	FSP	SCORF	GSP	

Heat Resistant					
Compound	EPDM 360F to 450F Service	Butyl 350F to 400F Service	SBR 200F to 350F Service	SBR 250F to 350F Service	SBR 200F to 250F Service
Manufacturer					
Bando	HR710		HR510	HR510	HR510
Contitech	Vulcan 400		Vulcan 300		Vulcan 250
Depreux	Deltatherm T3		Deltatherm T2		Deltatherm T1
Garlock	EPDM	Heat King BT		Heat King RA	
Georgia Duck	EPDM	Butyl	MHR	TAC	G2HM
Goodyear	STF-E Solar Shield		6740-A	6740-A	Style B Hot Material



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Hsin Yung Chien	HR-750	Butyl	HR-400		HR-250
Legg					
Phoenix	Magma Super		Magma Plus		Magma
Probelt	HR				
Price Rubber		#16 Black Chlorobutyl	#23 300°F SBR	#61 350°F SBR	
Scandura	Super Sahara		Sahara/Sahara SAR	Sahara/Sahara SAR	Giant Coke
Semperit	HT 700	HT 500	HT 400		
U. S. Rubber	EPDM				