

Power transmission belts

● yes
- no

Product Group	Product Sub-Group	Belt Type	Technical Data																Joining System	Product Construction/Design						Product Characteristic		Chemical Resistance Class	
			Thickness		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flexion		Tensile force for 1% elongation (k=1% after running in) per unit of width (Habasit standard 320.013)		Nominal peripheral force per unit of width		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width			Standard	Friction cover	Traction Layer	Reverse cover	Drive determination	Permanently antistatic				
			mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in								Material	Surface		Color
Polyamide power transmission belts	S-Tangential/flat belts	S-10/15	1.5	0.06	25	1.0	25	1.0	3.9	22	10	57	-20	-4	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	●	2
		S-18/20	2.0	0.08	60	2.4	60	2.4	7.5	43	18	103	-20	-4	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	●	2
		S-18/30	3.0	0.12	60	2.4	60	2.4	7.6	43	18	103	-20	-4	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	●	2
		S-33/30	3.0	0.12	110	4.3	110	4.3	12.5	71	33	103	-20	-4	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	●	2
		S-33/40	4.0	0.16	110	4.3	110	4.3	12.5	71	33	188	-20	-4	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	●	2
		S-33/50	5.0	0.20	110	4.3	110	4.3	12.6	72	33	188	-20	-4	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	●	2
		S-140H	1.7	0.07	25	1.0	25	1.0	6.0	34	14	80	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Fine structure	Green	Double-sided power transmission	●	2
		S-141H	2.3	0.09	25	1.0	25	1.0	6.0	34	14	80	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Fine structure	Green	Double-sided power transmission	●	2
		S-250H	2.3	0.09	60	2.4	60	2.4	12.0	69	25	143	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Fine structure	Green	Double-sided power transmission	●	2
		S-250HR	2.6	0.10	60	2.4	60	2.4	12.0	69	25	143	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Green	Double-sided power transmission	●	2
		S-251H	3.0	0.12	60	2.4	60	2.4	12.0	69	25	143	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Green	Double-sided power transmission	●	2
		S-321H	3.2	0.13	100	4.0	100	4.0	15.0	86	32	183	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Green	Double-sided power transmission	●	2
S-390H	3.2	0.13	120	4.7	120	4.7	17.0	97	39	223	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Green	Double-sided power transmission	●	2		
S-391H	4.0	0.16	120	4.7	120	4.7	17.0	97	39	223	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Green	Double-sided power transmission	●	2		

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