

DIN Abrasion Ratings

COVER GRADE	MIN. TENSILE STRENGTH (MPA)	MIN. ELONGATION AT BREAK (%)	MAX. ABRASION LOSS (MM ²)	APPLICATION CHARACTERISTICS	REFERENCE MATERIAL
DIN Z	15	350	250	Suitable for conveying moderately abrasive material.	Sand, current, slaked lime, wood chips, pulp (dry).
RMA2	14	400	200		
AS-N	17	400	200		
IS-N	17	400	200		
JIS-S	18	450	200		
ARPM RMA2	14	400	175		
RMA1	17	400	150	Suitable for conveying large lumps, sharp-edged rugged materials.	Iron ore, coal, lignite, copper, limestone, blast furnace slag, stone, rock, etc.
BS-N17	17	400	150		
SANS-N	17	400	150		
SANS-C	20	400	150		
DIN Y	20	400	150		
BS-M24	24	450	150		
IS-M24	24	450	150		
ARPM RMA1	17	400	125		
AS-M	24	450	125		
SANS-M	24	450	120		
DIN-X	25	450	120		
DIN-W	18	400	90	High cut & gouge property.	Sharp big lumps.
HAR	18	400	90		
AS-A	17	400	70	High cut & gouge property with super abrasion resistance.	Abrasive materials & fine.
SAR	17	400	70		
SAR-N	20	450	70		
CU	17	450	40	High cut & gouge property with super acid resistance.	Sharp big lumps with abrasive, fine, and granular materials. Suitable for high abrasive copper ore handling.

ABRASION

Regular –

DIN Z
RMA2

Good –

N
RMA1
Y

V. Good –

BS-M24
X
DIN-W

Excellent –

SAR
CU